



2022 TCAP RELEASE

June 2022





BEST FOR ALL

We will set all students on a path to success.

ACADEMICS

ALL TENNESSEE STUDENTS WILL HAVE
ACCESS TO A HIGH-QUALITY EDUCATION,
NO MATTER WHERE THEY LIVE

STUDENT READINESS

TENNESSEE PUBLIC SCHOOLS WILL BE
EQUIPPED TO SERVE THE ACADEMIC
AND NON-ACADEMIC NEEDS OF ALL
STUDENTS IN THEIR CAREER PATHWAYS

EDUCATORS

TENNESSEE WILL SET A NEW PATH FOR
THE EDUCATION PROFESSION AND BE
THE TOP STATE IN WHICH TO BECOME AND
REMAIN A TEACHER AND LEADER FOR ALL

Table of Contents

- **PART I:**
TCAP Administration
and State Data
- **PART II:**
Academic Impact
- **PART III:**
Response, Recovery
and the Path Forward





Special Recognition

During the COVID-19 pandemic, Tennessee maintained its commitment to an annual statewide assessment to provide reliable data on how our students are doing.

The 2021-22 school year reflects Tennessee schools moving forward with a statewide laser-focus on helping students catch up from a pandemic, and importantly, accelerate their learning.

Together, district and school leaders, educators, and families have made tremendous efforts to support children, close gaps, and accelerate learning. The 2022 TCAP results are our first look at the results of this monumental effort.

Now is the time for all Tennesseans to keep focused on doing what it takes to support all of our students and set them on a path to success.

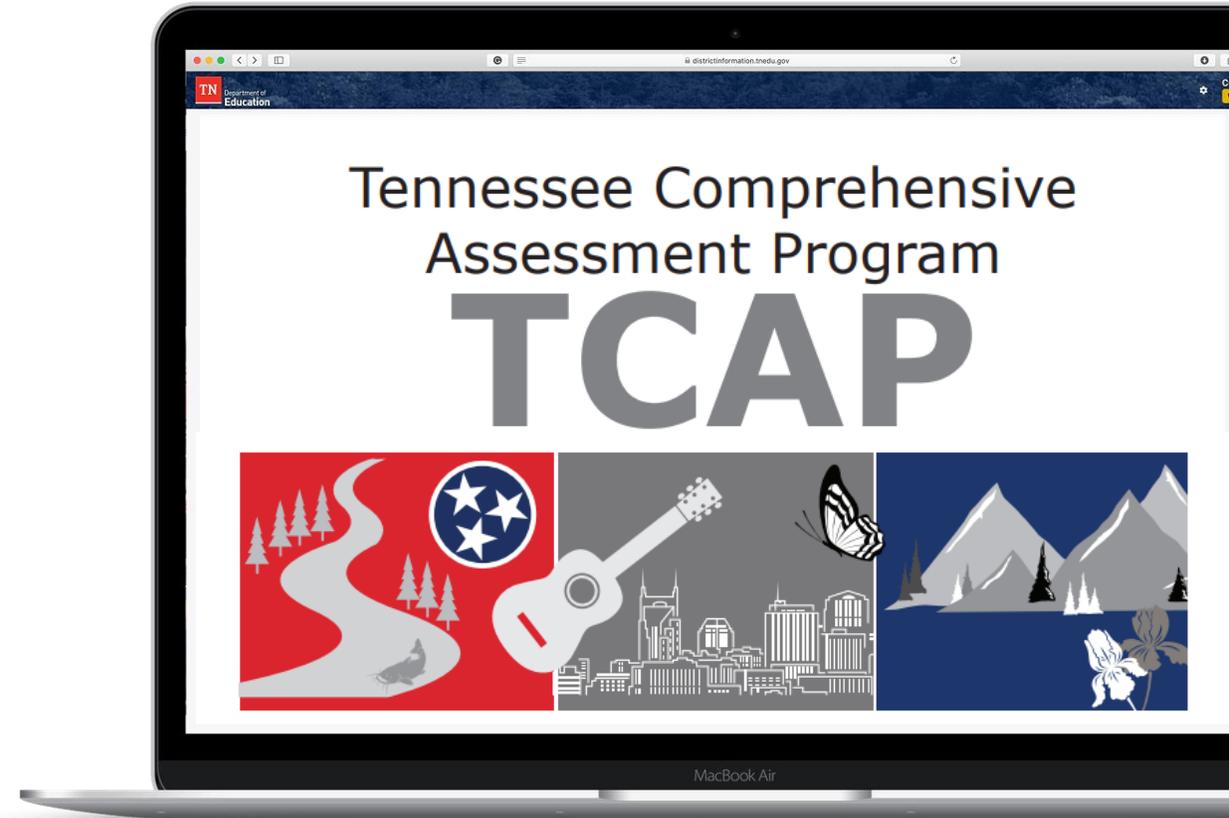
PART I

TCAP Administration and State Data

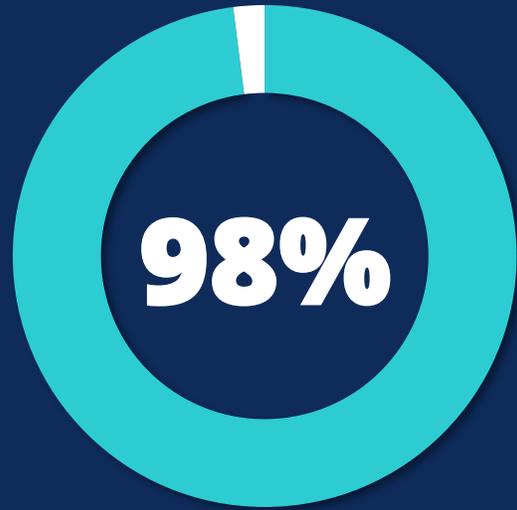


Context for 2022 TCAP Results

- These analyses are reflective of the complete TCAP 2022 administration, including both spring 2022 administration as well as fall 2021 end-of-course exams.
- These analyses do not include the results of TCAP-Alt assessments (for students with the most significant learning disabilities.)
- High school end-of-course (EOC) exams were administered on computer, while grades 2-8 exams were administered on paper.



2021-22 TCAP Student Participation

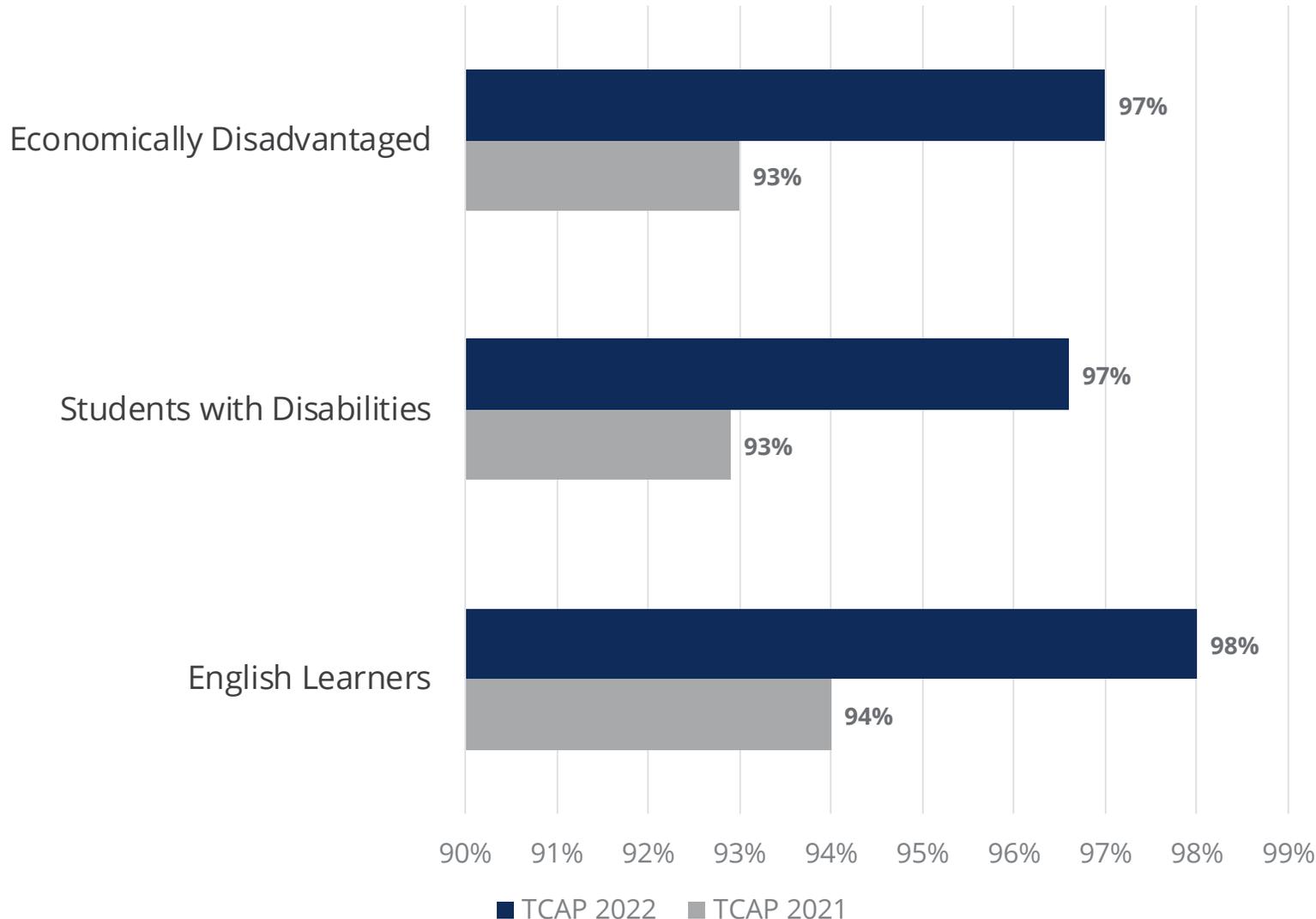


Statewide TCAP
PARTICIPATION RATE



59 Districts had
participation
higher than 99%

Participation by Student Subgroup



KEY TAKE-AWAYS

- Overall **statewide participation rate increased**, from 95% in 2021 to 98% in 2022.
- As a note, these three groups are historically lower performing, which would have lowered last year's proficiency data.
- Having so many more of these students represented in the data this year is a more complete picture of performance in the state – making any gains that much more significant.

SOURCE: Tennessee Department of Education, 2022

TCAP Results: Large Growth & Large Opportunity



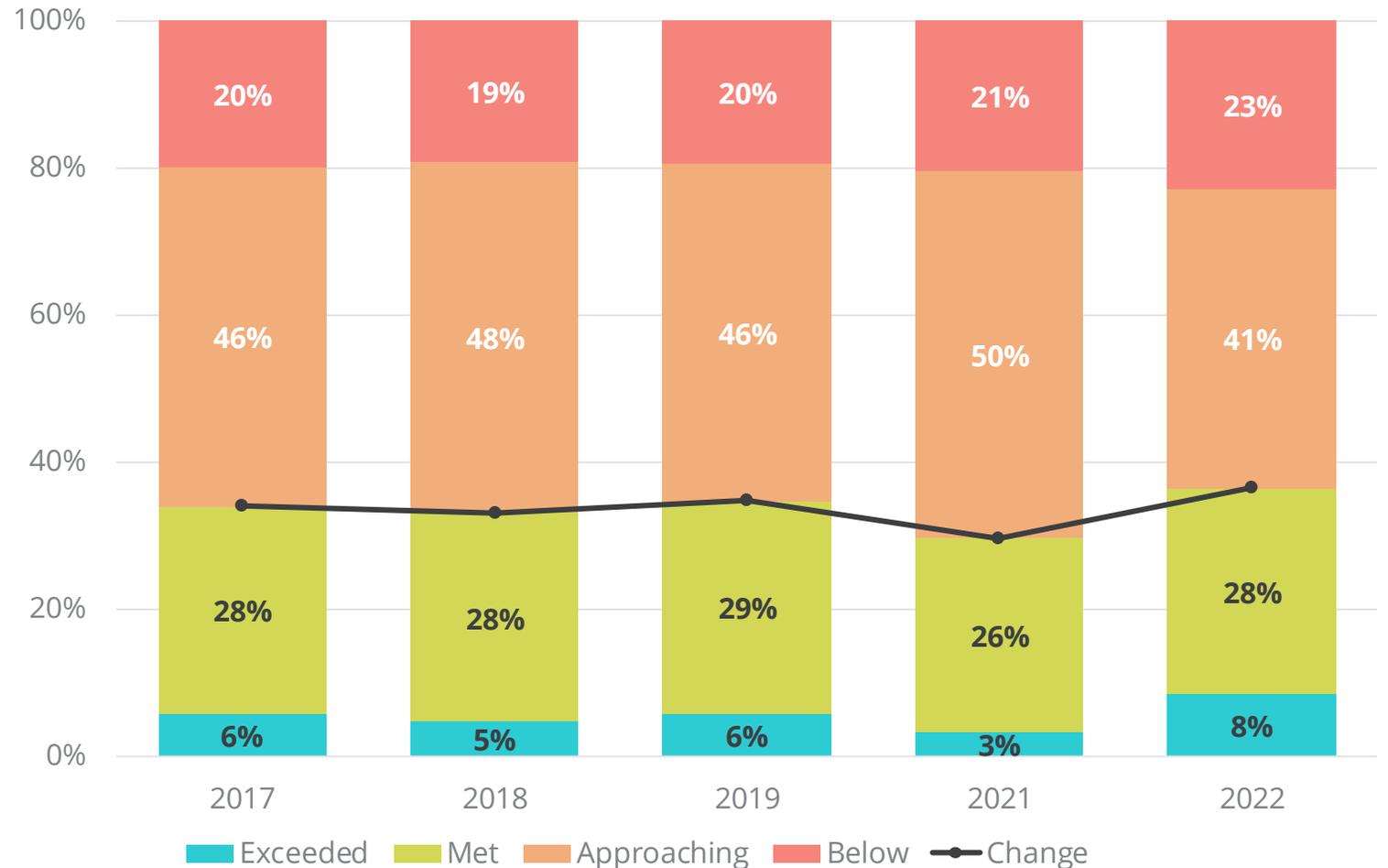
- Emerging readers have been the focus of many significant learning loss recovery efforts. Results from 2022 TCAP assessments show that **elementary** students improved their **ELA** scores and are performing at a level similar to that of pre-pandemic years.
- Improved performance in **math** was evident for TN students of all ages. For all grade bands, 2022 TCAP results for **math** show an **increase** in students meeting grade-level standards and a **decrease** in students not yet meeting grade level standards.
- Both **schools and families demonstrated a shared commitment** to finding out how our students are performing by achieving a **98%** student participation rate on the statewide 2021-22 TCAP administration. This broad representation gives us confidence in using TCAP data at the state level to evaluate progress and drive decision-making.

Tennessee is demonstrating learning acceleration and will continue to focus on doing what's best for our kids.

ALL STUDENTS OVERVIEW

KEY TAKE-AWAYS

- **36.4% of Tennessee students are meeting grade level expectations in English language arts (ELA).**
- Proficiency **gains were reflected in all tested grades.**
- Overall proficiency in ELA has largely returned to **pre-pandemic levels**, with **more students scoring Met and Exceeded than 2019.**
- **State Supports:** Reading 360; *Tennessee Literacy Success Act*; Tennessee ALL Corps; universal implementation of high-quality instructional materials; summer camps; Best for All Central resources

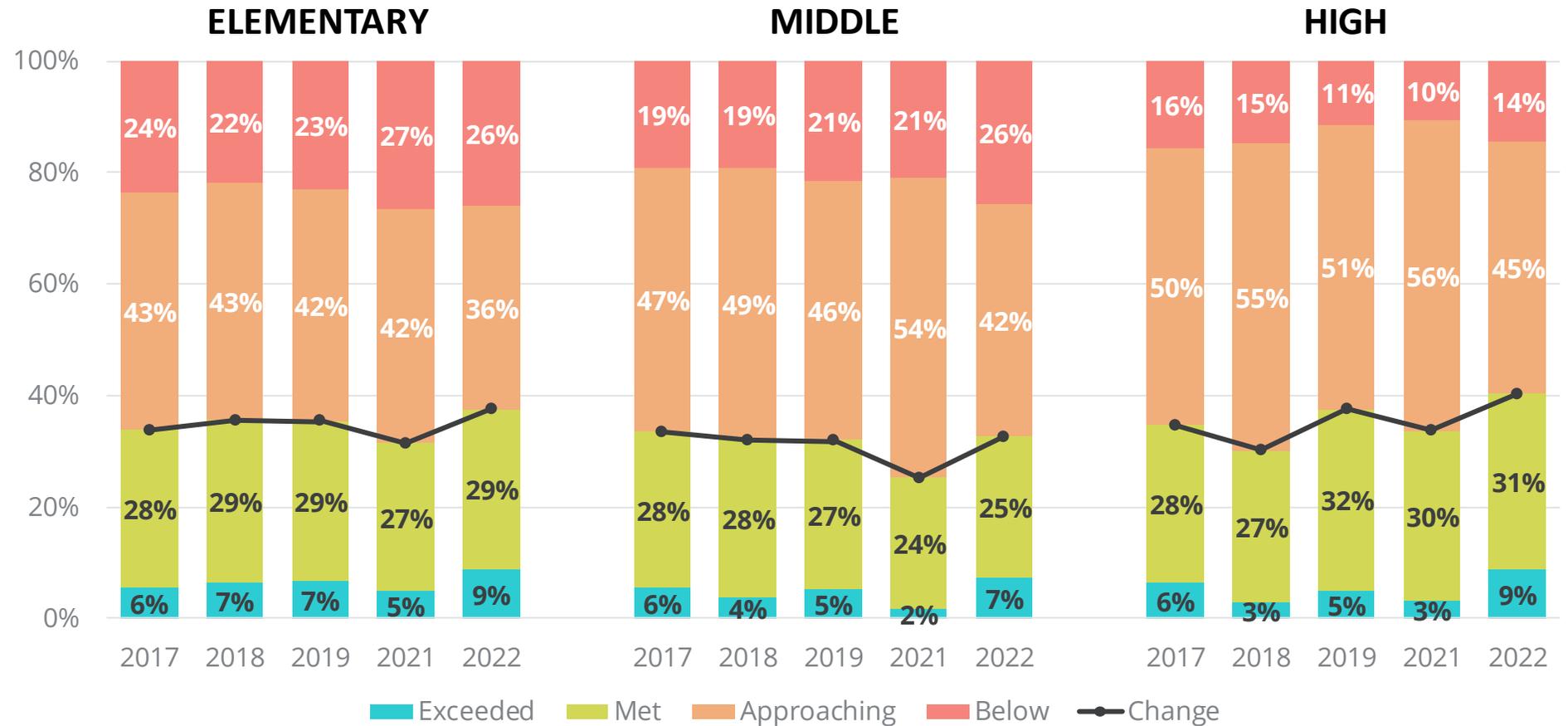


SOURCE: Tennessee Department of Education, 2022

RESULTS BY SCHOOL LEVEL

KEY TAKE-AWAYS

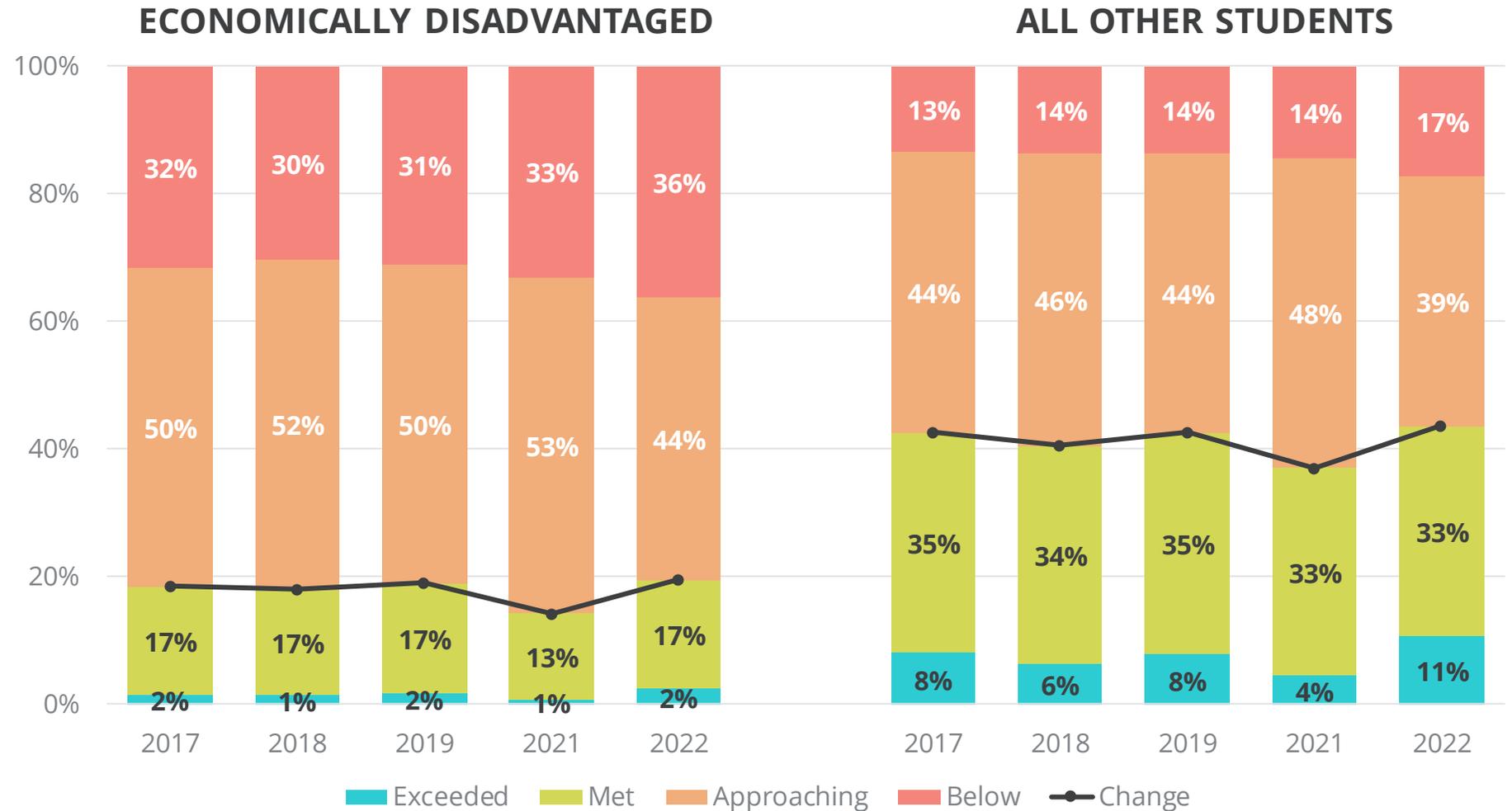
- Students in elementary school, middle school and high school grade bands are **performing or out-performing pre-pandemic** levels of proficiency.
- Students in upper elementary school and middle school saw the most significant gains from pre-pandemic numbers.



RESULTS BY INCOME

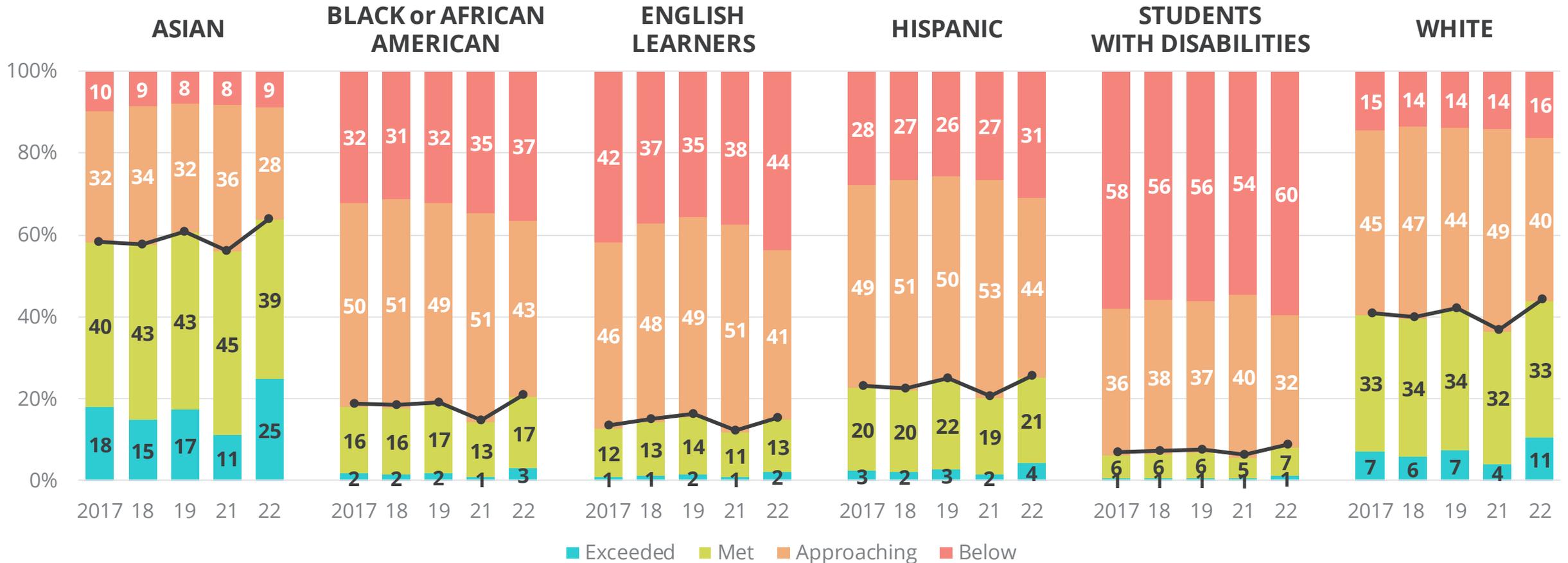
KEY TAKE-AWAYS

- Economically disadvantaged and all other students saw relatively similar improvements from the prior year.
- While the achievement gap between these two groups did not significantly expand, gaps persist.
- Non economically disadvantaged students saw a significant increase in students at **Exceeded**.



SOURCE: Tennessee Department of Education, 2022

RESULTS BY STUDENT GROUPS



KEY TAKE-AWAYS

ELA proficiency rates increased between 3 – 6 points for all students.

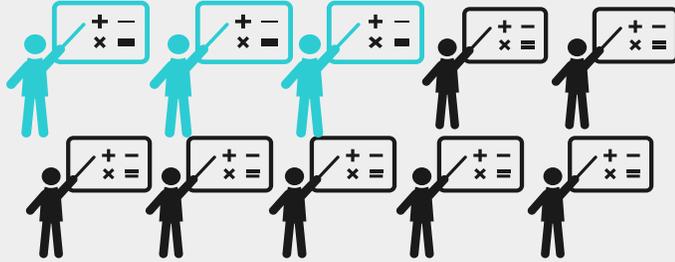
Achievement gaps that were present before the pandemic have persisted.



MATH

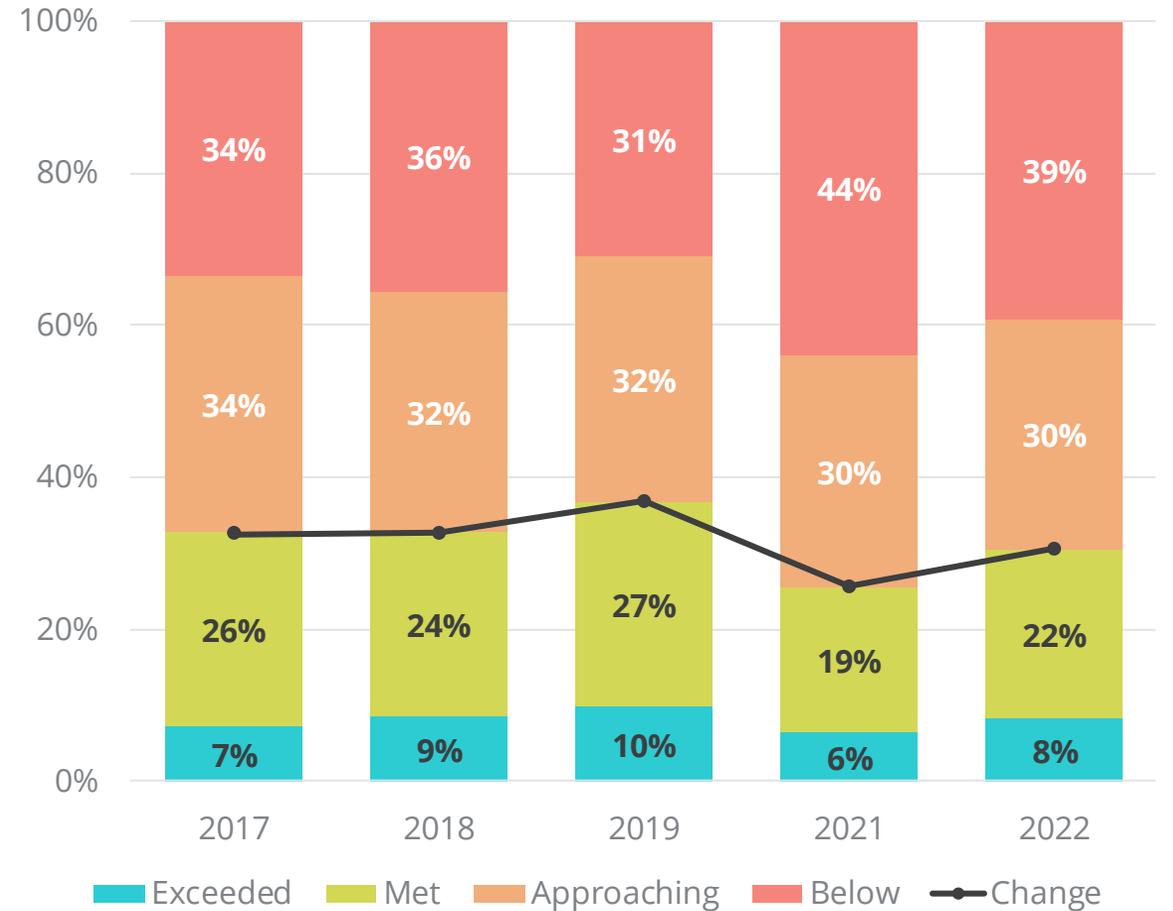
ALL STUDENTS OVERVIEW

KEY TAKE-AWAYS



3 in 10 Tennessee students
are meeting grade level expectations in math.

- Based on national projections, **math recovery is expected to recover faster than ELA.**
- Growth in math matched or exceeded gains seen in previous years and is outpacing math projections for pandemic recovery.
- **State Supports:** Tennessee ALL Corps; summer camps; Best for All Central; free online tutoring resources available for all students.



SOURCE: Tennessee Department of Education, 2022

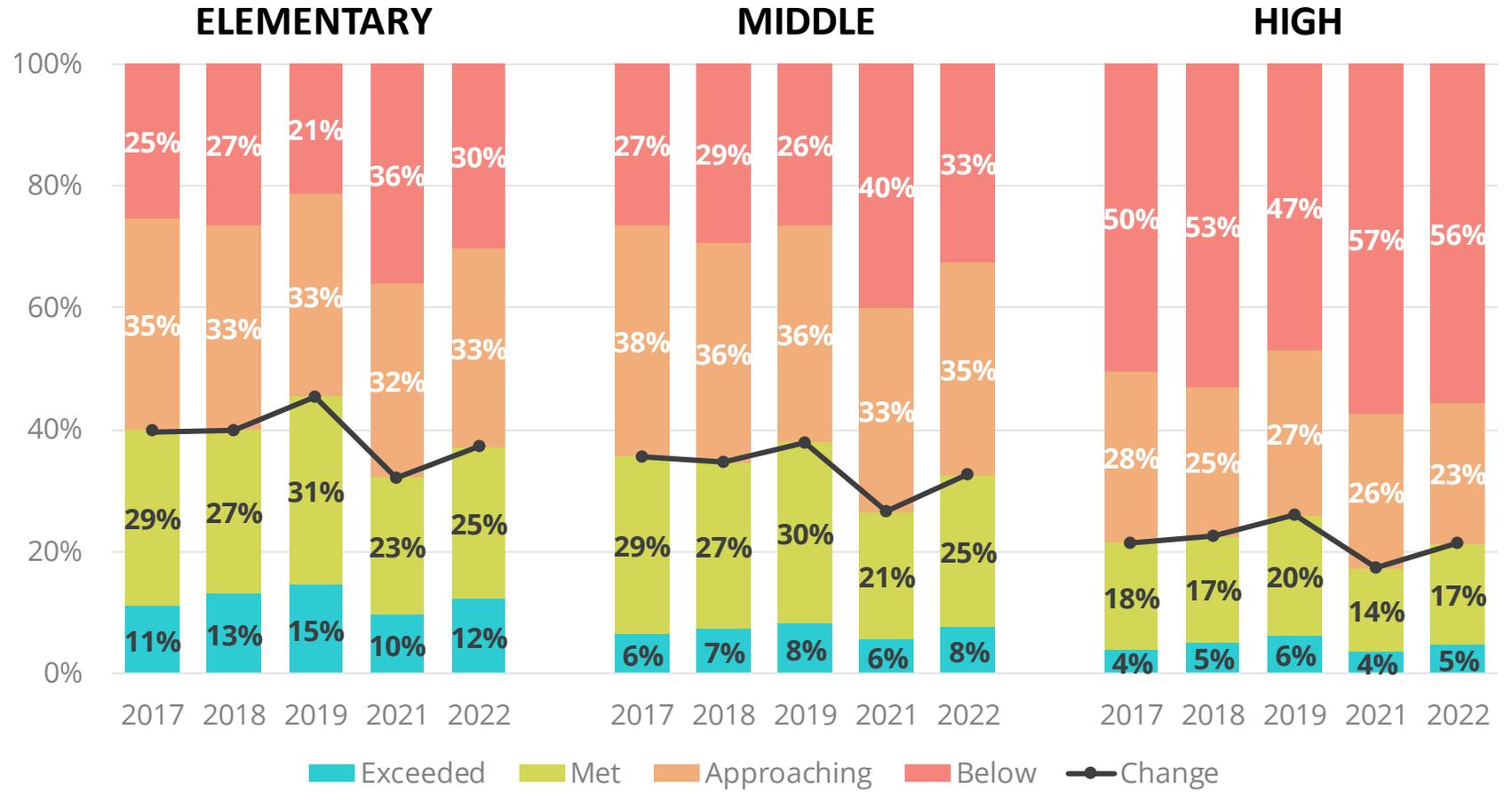


MATH

RESULTS BY SCHOOL LEVEL

KEY TAKE-AWAYS

- Overall **proficiency in math increased in every grade band** but is not back to pre-pandemic levels.
- **7th grade and Algebra II saw the largest growth** in the percentage of students scoring **Met** and **Exceeded**.



SOURCE: Tennessee Department of Education, 2022

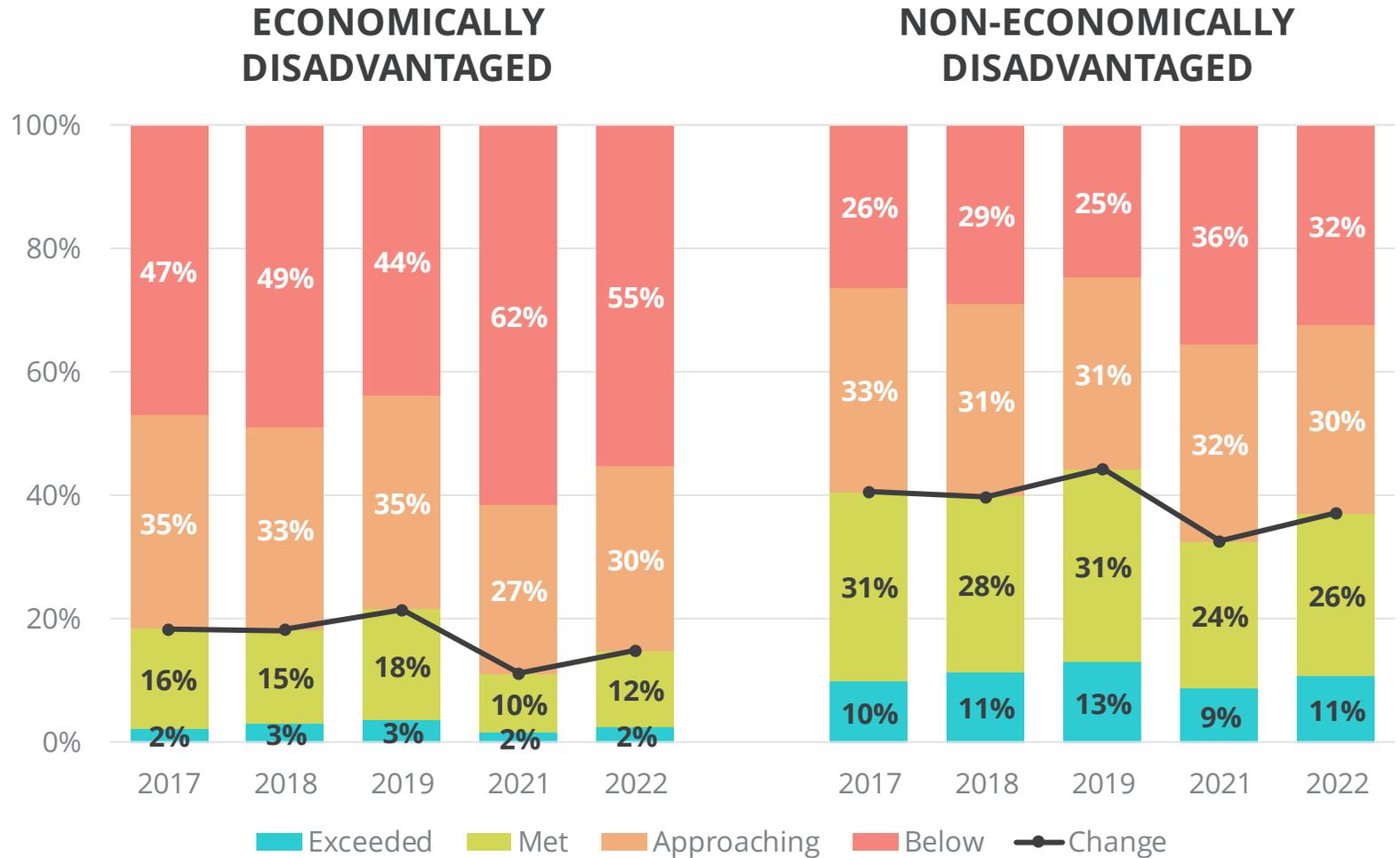


MATH

RESULTS BY INCOME

KEY TAKE-AWAYS

- Overall **proficiency in math increased in every grade band**, but is not back to pre-pandemic levels.
- Economically disadvantaged students did not see as much of an increase in proficiency compared to non-economically disadvantaged students.

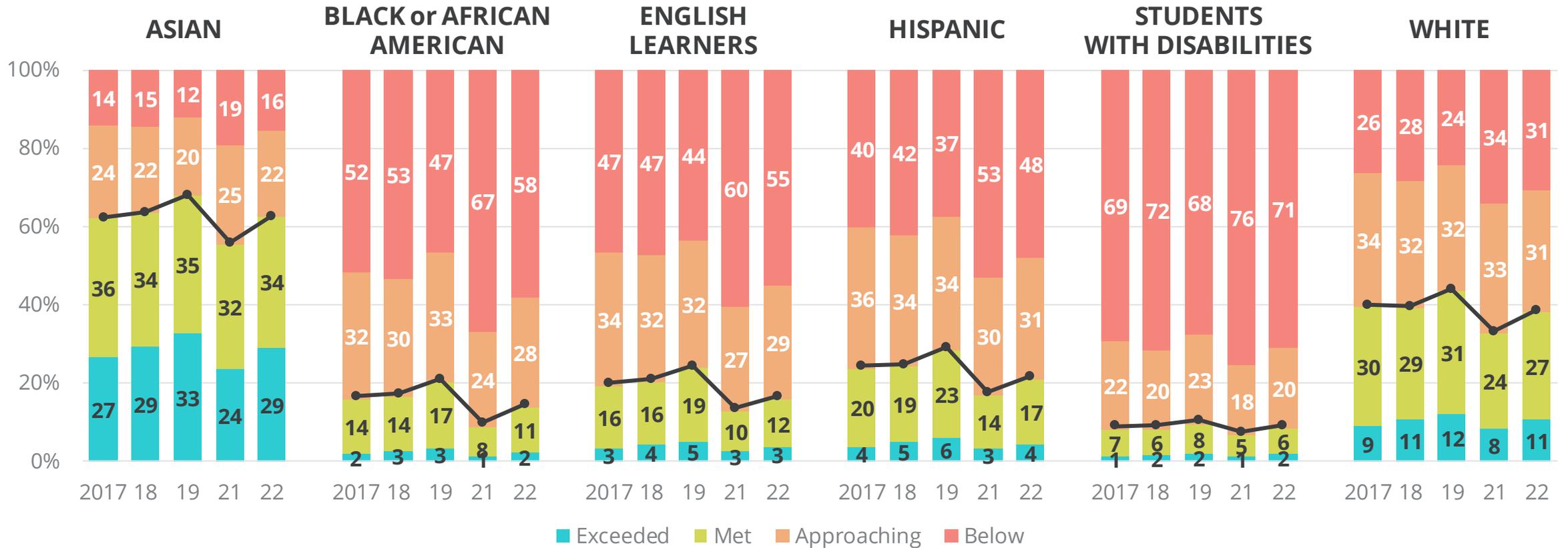


SOURCE: Tennessee Department of Education, 2022



MATH

RESULTS BY STUDENT GROUPS



KEY TAKE-AWAYS

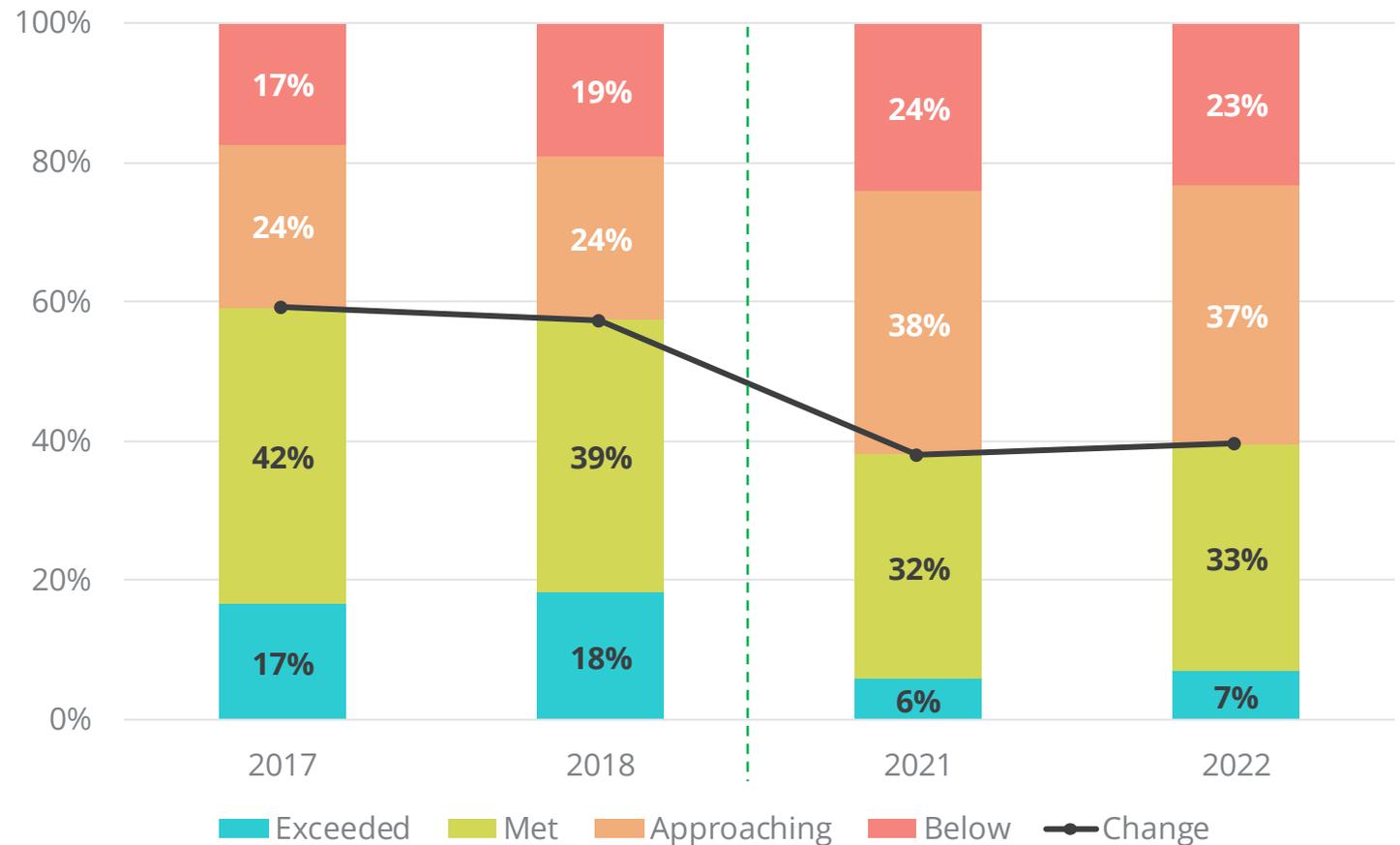
Overall proficiency rates increased 2-6% for every student group.

While no group has fully recovered, student groups are increasing their rates of proficiency towards pre-pandemic levels.

ALL STUDENTS OVERVIEW

KEY TAKE-AWAYS

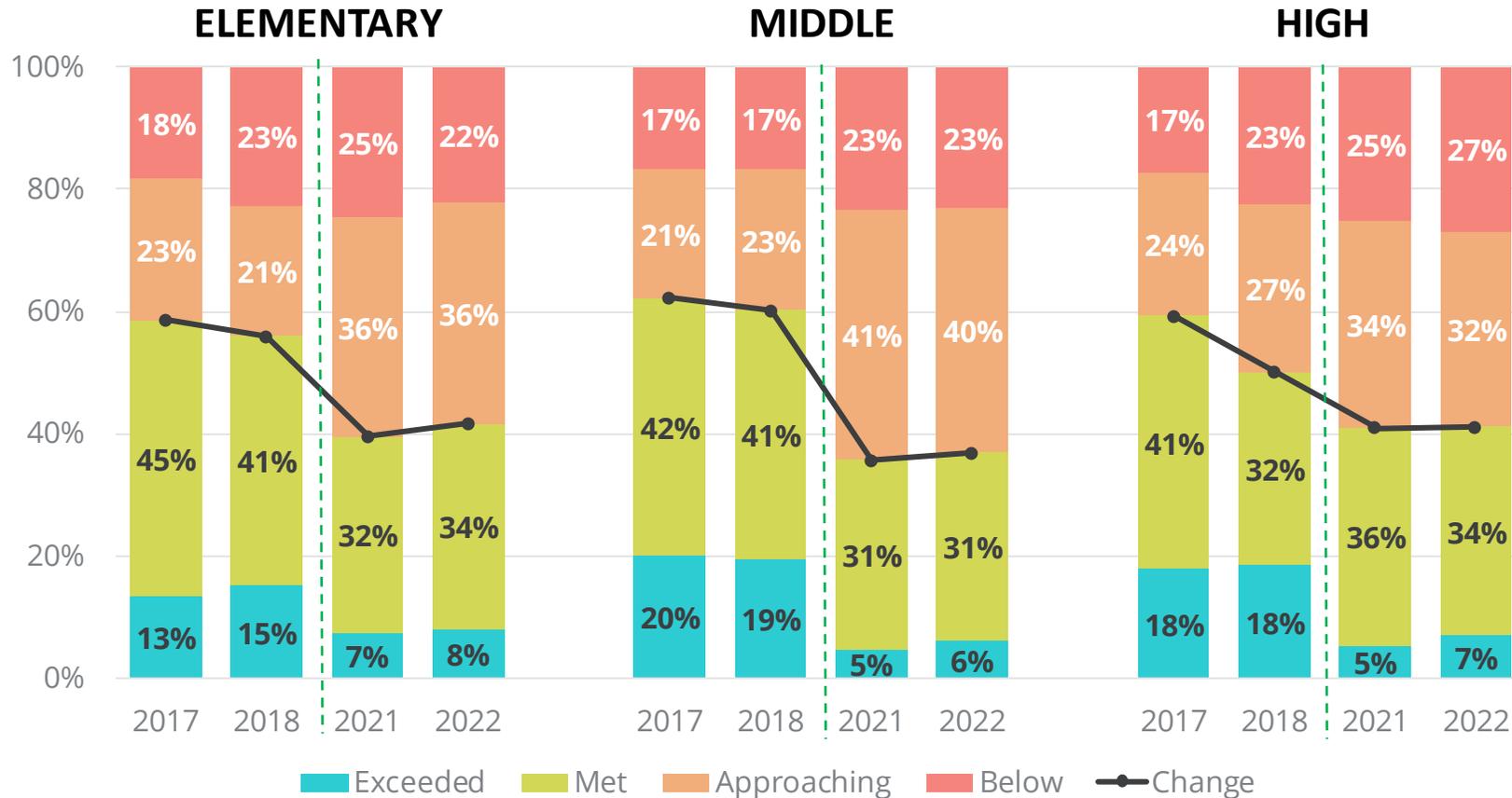
- Overall, proficiency rates held steady for science, with an **increase of 2 percentage points** in overall student proficiency.
- **State Supports:** Ongoing partnership with TSIN to expand STEM designated schools from 15 in 2018 to 88 in 2022; extended programming on PBS and Best For All Central; expanded STREAM programming in Tennessee summer camps



**There were no operational science tests administered in 2019 & assessment standards were re-set in 2021.*

SOURCE: Tennessee Department of Education, 2022

RESULTS BY SCHOOL LEVEL



KEY TAKE-AWAYS

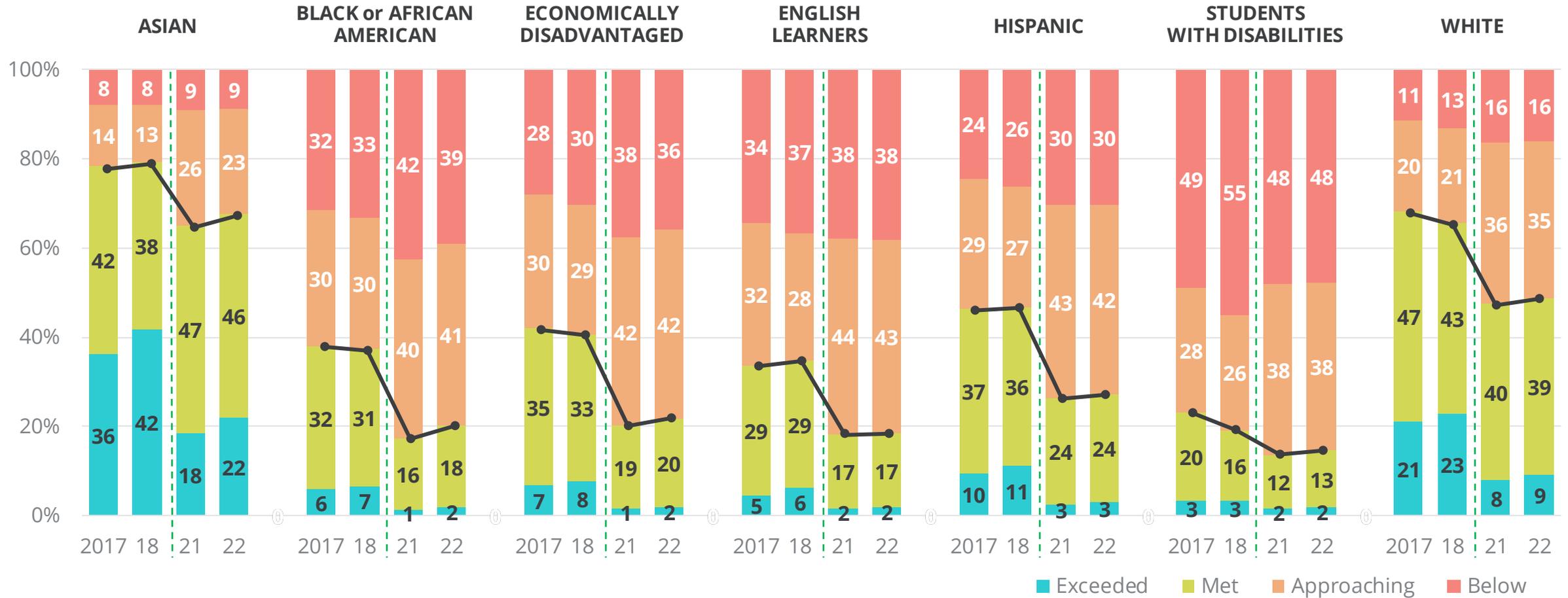
- **Elementary students saw larger growth** from 2021 than middle school or high school students.
- All grade levels experienced an increase in students scoring **Exceeded Expectations**.
- **State Supports:** Ongoing partnership with TSIN to expand STEM designated schools from 15 in 2018 to 88 in 2022; extended programming on PBS and Best For All Central; expanded STREAM programming in Tennessee summer camps

*There were no operational science tests administered in 2019 & assessment standards were re-set in 2021.

SOURCE: Tennessee Department of Education, 2022

RESULTS BY STUDENT GROUPS

English learners and Hispanic students saw declines in proficiency between 2021 and 2022 while all other student groups improved or held steady.

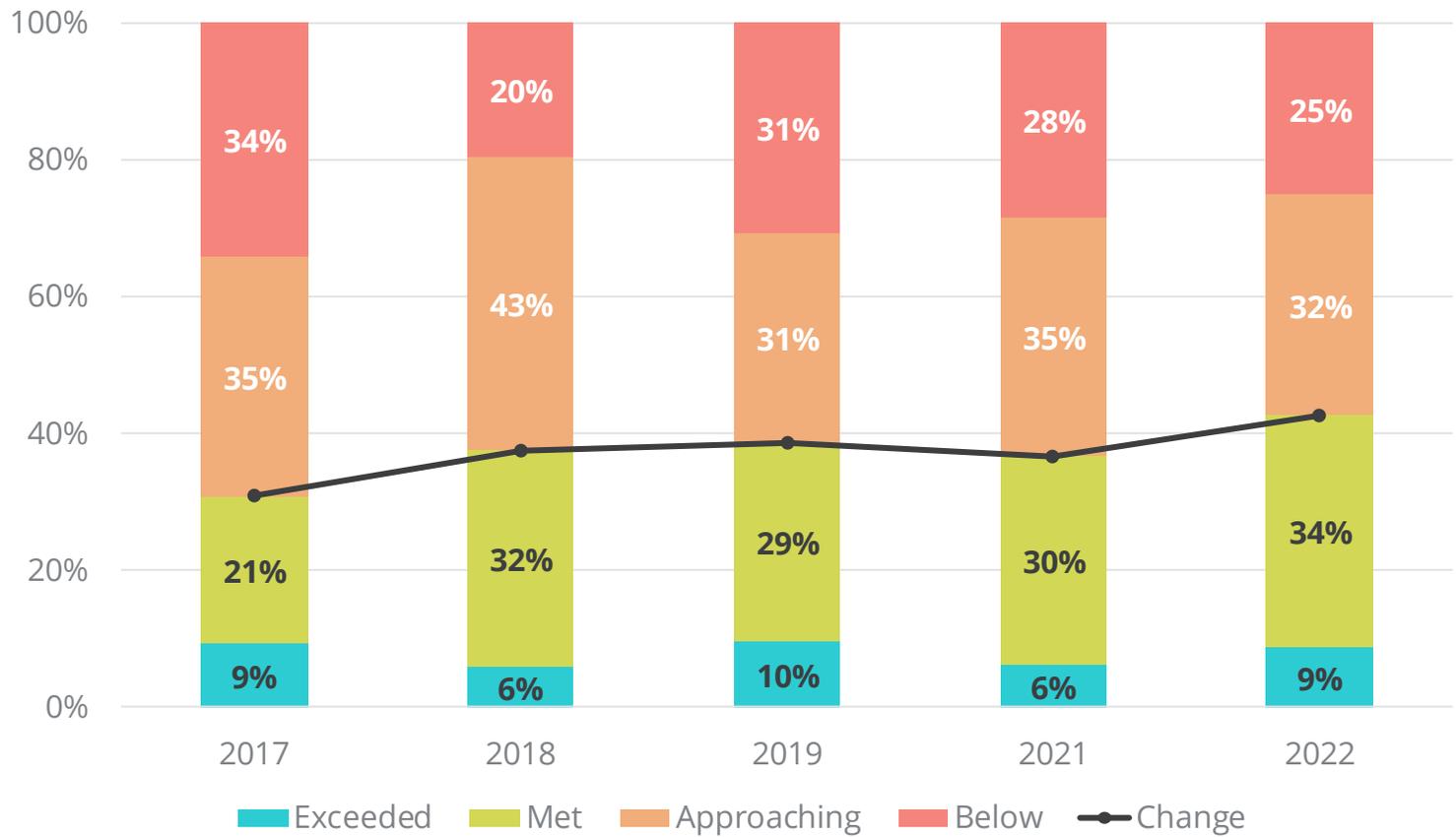


*There were no operational science tests administered in 2019 & assessment standards were re-set in 2021. SOURCE: Tennessee Department of Education, 2022



SOCIAL STUDIES

ALL STUDENTS OVERVIEW



KEY TAKE-AWAYS

- Overall social studies proficiency has **continued to increase since 2017** – from 30% to 41%.
- Fewer students scored **Below** and **Approaching** while more students scored in both **Met** and **Exceeded Expectations**.
- **State Supports:** Expanded resources on Best for All Central; strengthened the Governor's Civic Seal program; strong statewide implementation of knowledge-building materials in English Language Arts (ELA).

*Social Studies standards were updated in 2018 and assessment standards were re-set in 2021.

SOURCE: Tennessee Department of Education, 2022



SOCIAL STUDIES

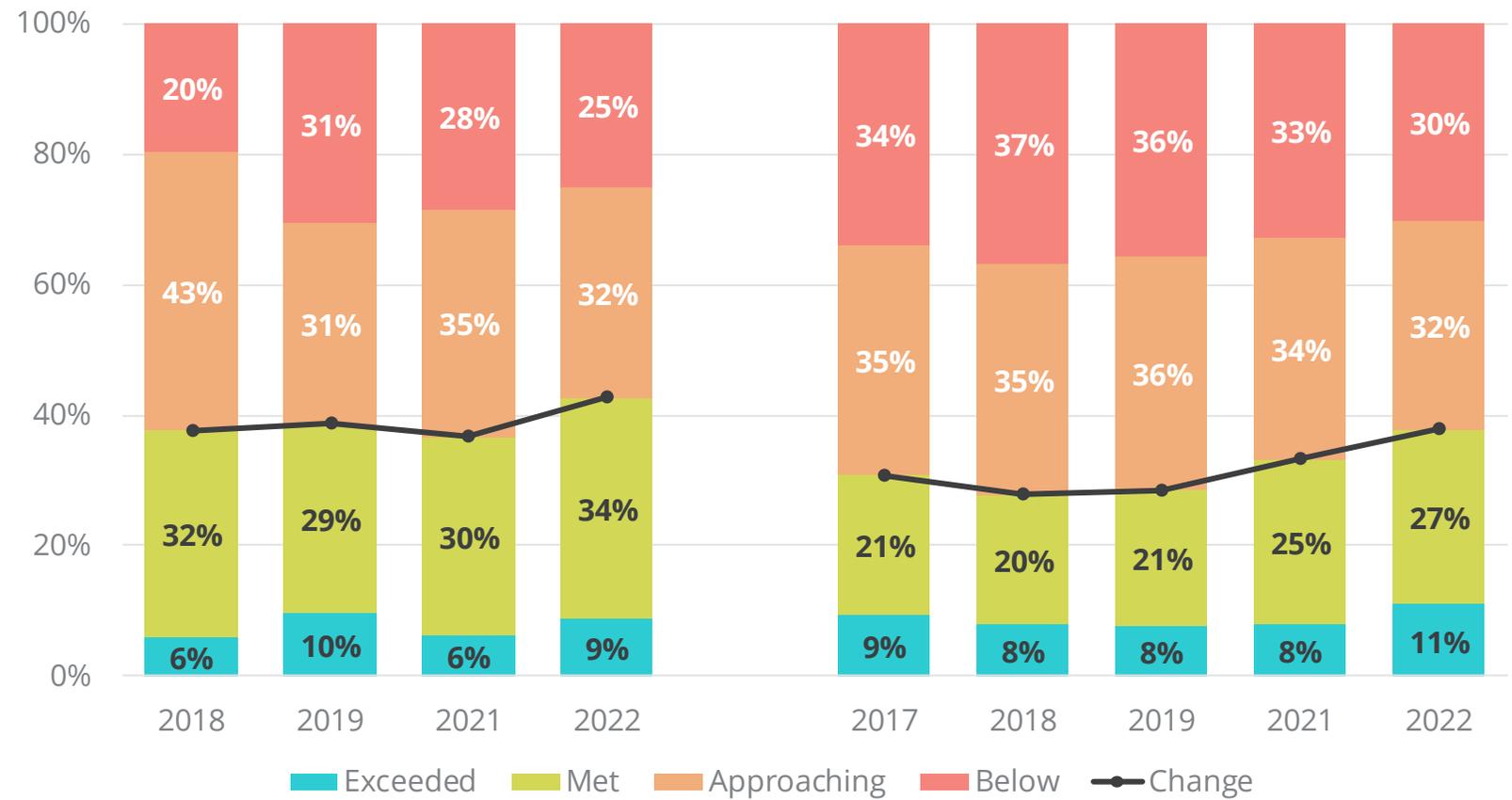
OVERVIEW

KEY TAKE-AWAYS

- Proficiency rates in both middle school and high school have **outperformed pre-pandemic levels**.
- High school U.S. history students are **growing faster** than their middle school peers.
- **State Supports:** Expanded resources on Best for All Central; strong statewide implementation of knowledge-building materials in English Language Arts (ELA).

MIDDLE

HIGH



*Social Studies standards were updated in 2018 and assessment standards were re-set in 2021.

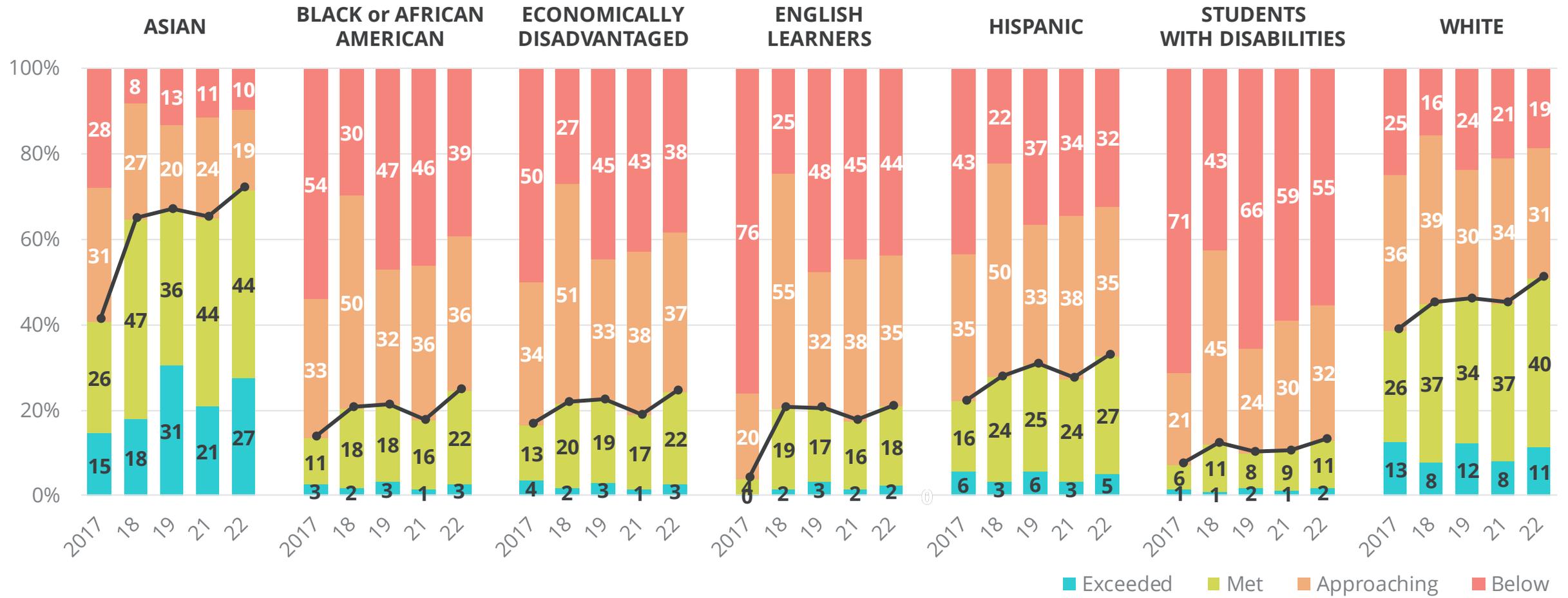
SOURCE: Tennessee Department of Education, 2022



SOCIAL STUDIES

RESULTS BY STUDENT GROUPS

Overall, student group performance has returned to, or out-paced, pre-pandemic performance.



*Social Studies standards were updated in 2018 and assessment standards were re-set in 2021.

SOURCE: Tennessee Department of Education, 2022

PART II

Academic Impact



How to Use the Data

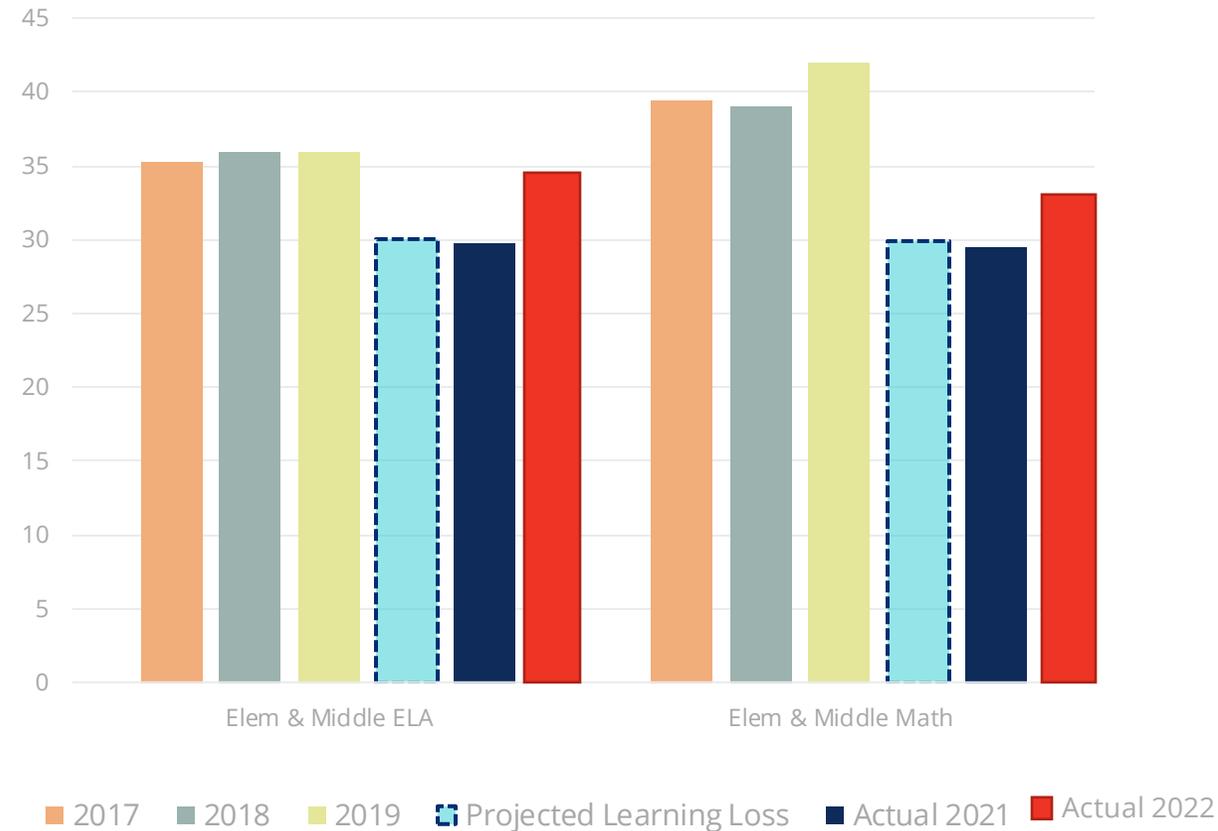
- This data provides a state-level overview of student performance. Every district is different, and trends may vary at the local level. Any interpretation of state level data should reflect a consideration for variations in local context, district participation rates historically and last year, as well as other assessment data and performance indicators that will be available.*
- While trends are positive overall, student growth and recovery from pandemic-related academic declines varies by subject, grade level, student group, and district. This data can be used to help communities reflect on strategic investments in student achievement. Districts may also consider necessary revisions to their needs assessment for the purpose of evaluating the success of spending associated with federal recovery (ESSER) funding and revising strategic plans currently in place.
- School systems, teachers and families should use this and other relevant student data to develop individualized plans for every student who may require additional support to reach grade-level proficiency, or to maintain the rate of acceleration seen over the 2021-22 school year.

**** TDOE utilizes longitudinal, state-level data because of our strong participation rate. For some districts, these types of longitudinal comparisons may not be appropriate, given a larger difference in participation year-to-year.***



Academic Recovery

- Original projections of the pandemic's academic impact were provided in fall of 2020.* Those projections were generally reflected in our 2021 data.
- 2022 TCAP data show faster rebounds in ELA than math – a trend that is counter to what national expectations predicted and demonstrates the impact of the intense, statewide focus on literacy and ELA.**
- The effects of falling behind are most pronounced in the youngest grades, with larger growth happening in upper middle and high school grades.***
- Economically disadvantaged students, English learners, and students of color felt the effects of learning loss more acutely and have rebounded more slowly.****
- Recovery and acceleration will take time, but we can already see significant growth from our collective efforts to support students' needs, outpacing early national predictions.



* [Tennessee Releases Data Showing Significant Learning Loss Among K-12 Students](#)

** [Collaborative-Brief_Covid19-Slide-APR20.pdf\(nwea.org\)](#); [The Effects of Summer Vacation on Achievement Test Scores: A Narrative and Meta-Analytic Review on JSTOR](#)

*** [The Potential Impact of COVID-19 on Student Learning and How Schools Can Respond - Wyse-2020 - Educational Measurement: Issues and Practice - Wiley Online Library](#)

**** [Introduction \(harvard.edu\)](#)



Data Timelines and Requests

DATA AVAILABILITY

Official data used for accountability reporting is subject to a district appeals process and embargo period. District-level data will be released in early July.

ACCOUNTABILITY TIMELINE

The accountability timeline is available to districts within the accountability application. Accountability results will be available this fall.

DATA REQUESTS PROCESS

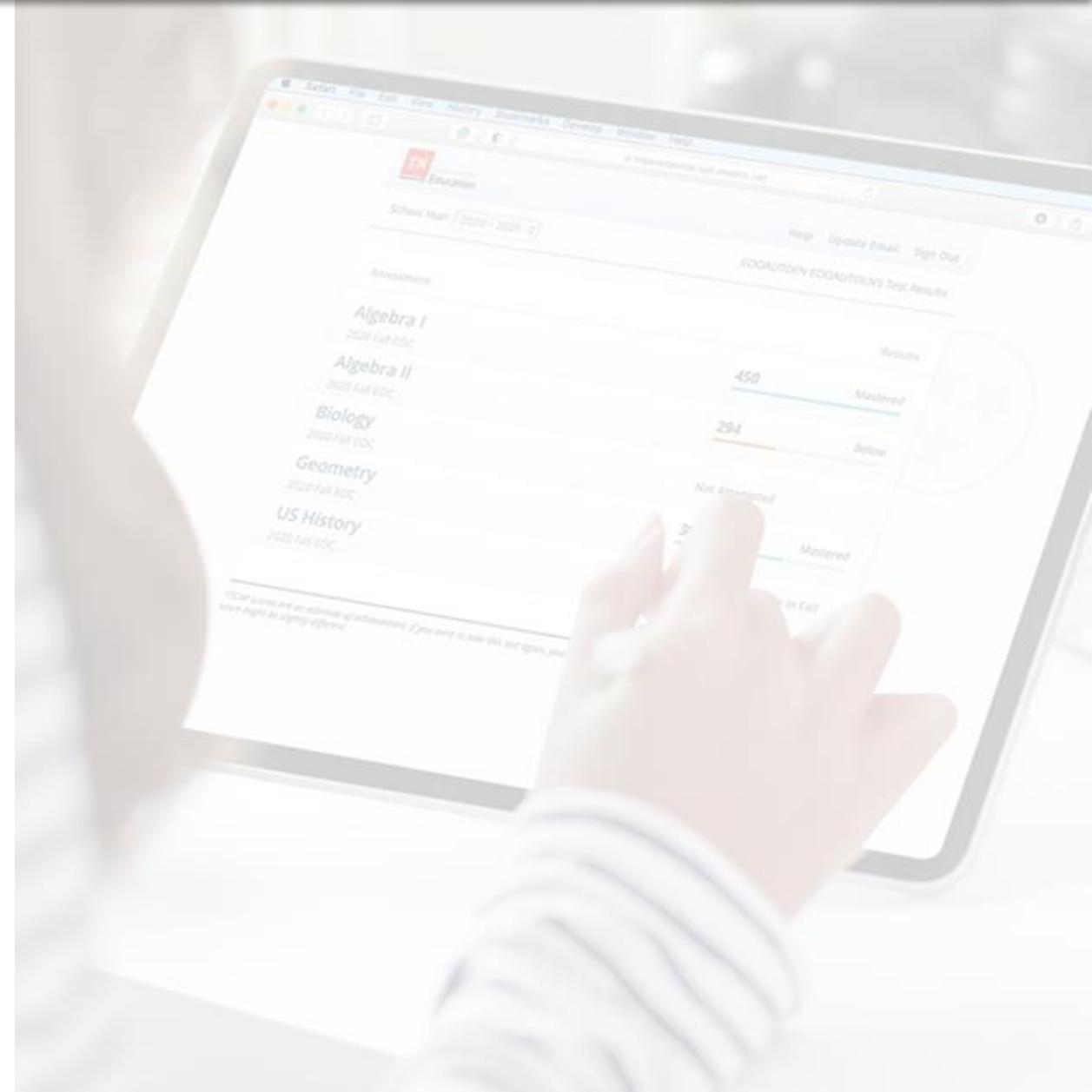
Specific additional data requests should be submitted via the [Data Request Form](#) on the department's website.

ENGAGING FAMILIES: TCAP FAMILY PORTAL

The TCAP Family Portal is a free, online resource to help families and students understand their TCAP results. Specifically, the portal provides families with access to:

- Test history features to track progress over time;
- TCAP scale scores and performance levels by subject;
- Parent guides and resources; and
- Individualized recommendations for improvements.

Families can access this resource by registering at familyreport.tnedu.gov.



PART III

Response, Recovery, and the Path Forward



Statewide Priority Areas Continue



Early Elementary Reading/ELA remains our state's area of focus, especially in the earliest grades where students are learning important reading skills. Earlier grades did not see as much growth as upper grades, which creates more urgency in providing these students with additional literacy supports to ensure they are on-track to reading proficiently by 3rd grade.



Our focus in **middle school math** resulted in faster growth for 7th grade math than other elementary and middle school grades, a strong leading indicator of more students being prepared for Algebra I and other high school courses as well as ACT performance (therefore scholarship eligibility and post-secondary readiness). As we move into math adoption in the 2022-23 school year, math achievement in all grades will be a focus, along with the current free tutoring resources available to all districts.



Addressing achievement gaps between student groups will remain an area of intense focus, especially as we see declines in English learners compared to growth in other groups. Students with disabilities are showing important signs of accelerated growth, but remain farther behind grade level expectations than their peers.



Next Steps & Recommendations

- **TCAP results demonstrate important growth and successes that should be celebrated – proof that the work of Tennessee's schools, educators and students is paying off.** However, our statewide proficiency rates still demonstrate an urgent need to continue our strong support of Tennessee's students and the incredible efforts demonstrated throughout the pandemic and the past year of recovery.
- **Districts, school boards, principals, teachers, elected officials, community partners, and families--** review your TCAP assessment data to identify any strategies to use at home in addition to additional supports provided at the school level.
- Tennessee is well-prepared and will continue to work hard to accelerate academic achievement and ensure the best for all our kids.



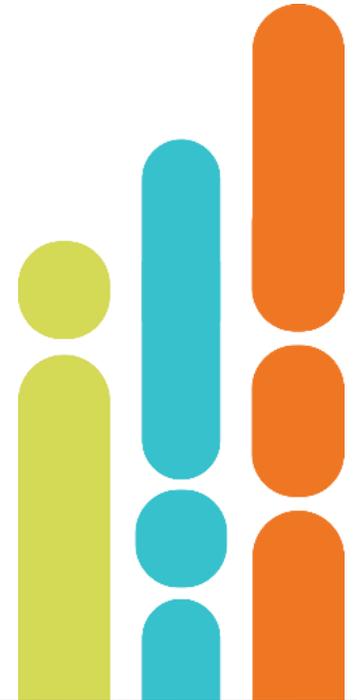
Thank You!

Tennessee Department of Education
710 James Robertson Parkway
Nashville, TN 37243

tn.gov/education

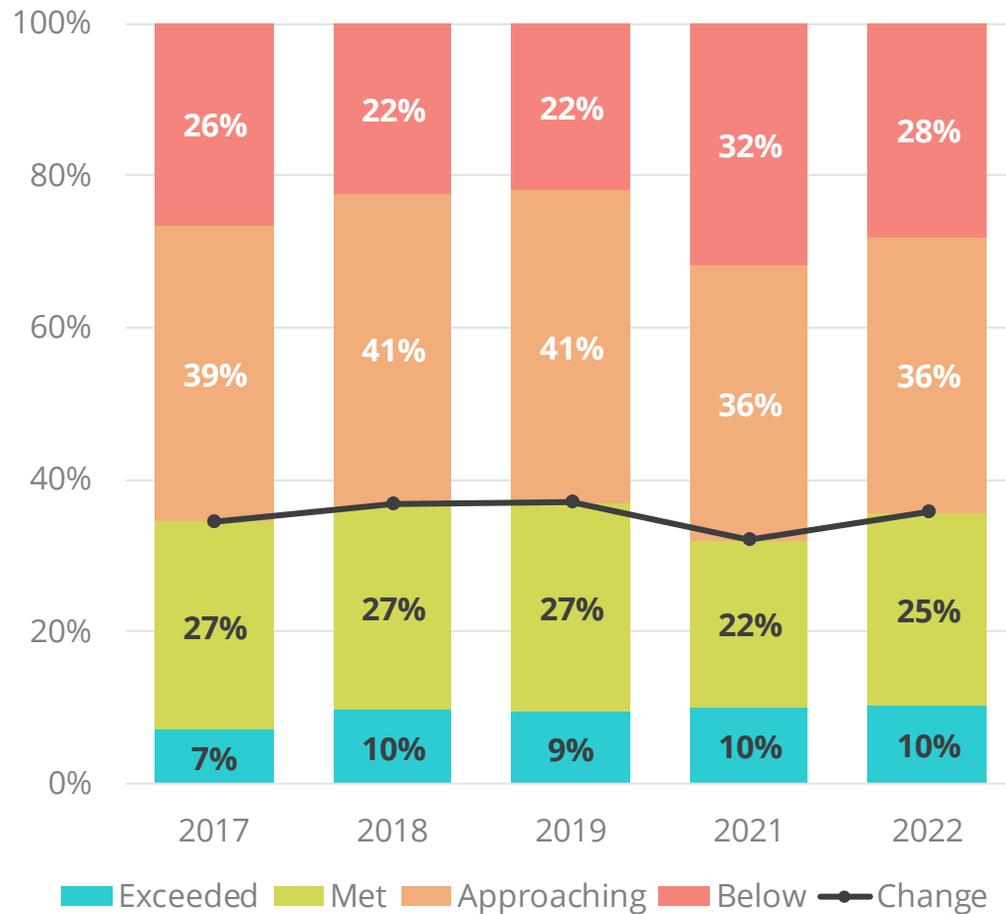
#TNBestforAll

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 @Tnedu
 @TNDeptOfEDU
 @TNDeptofEducation



Appendix: Data Slides



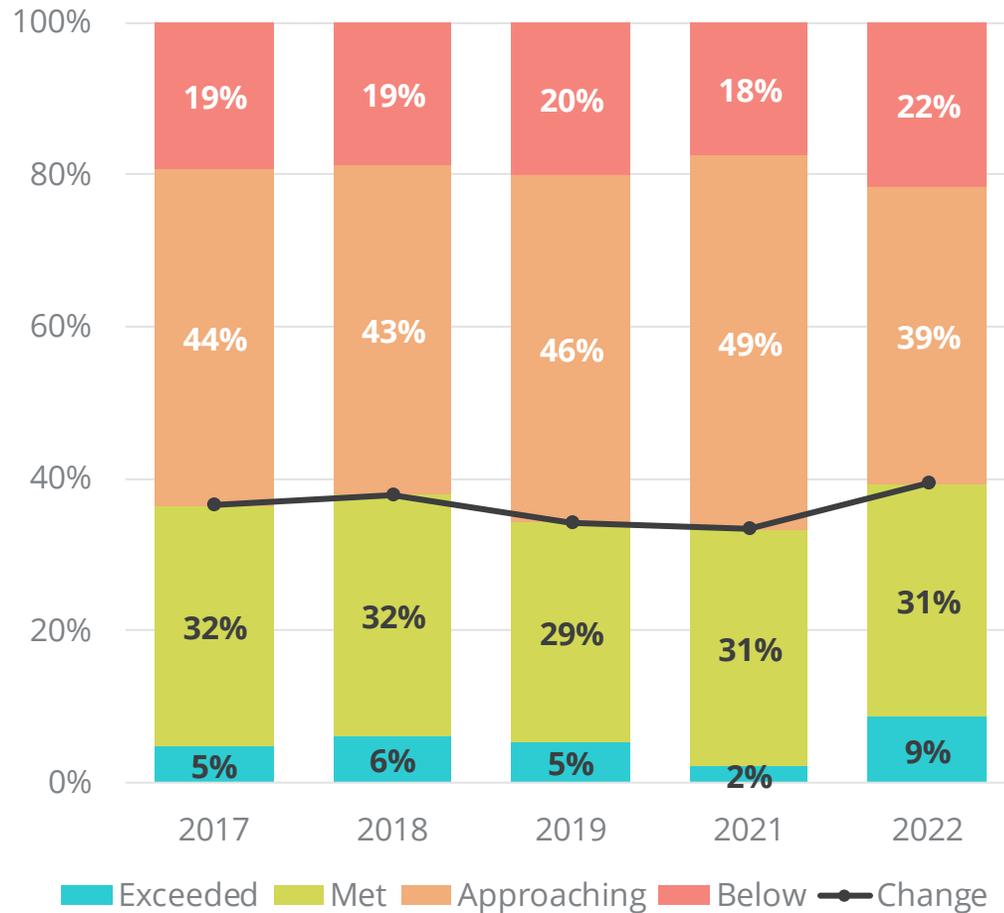
ELEMENTARY SCHOOL
**GRADE
3**

KEY TAKE-AWAYS

- Proficiency rates in 3rd grade ELA increased from 32.1% in 2021 to 35.7% in 2022
- Proficiency rates in 3rd grade ELA increased by 3 percentage points since 2021 and are a point away from pre-pandemic levels (36.9% in 2019)
- Stable trends in students scoring **Mastered** continue, with more students shifting from **Below** to **Approaching** and **On-Track**

ELEMENTARY SCHOOL

GRADE

4

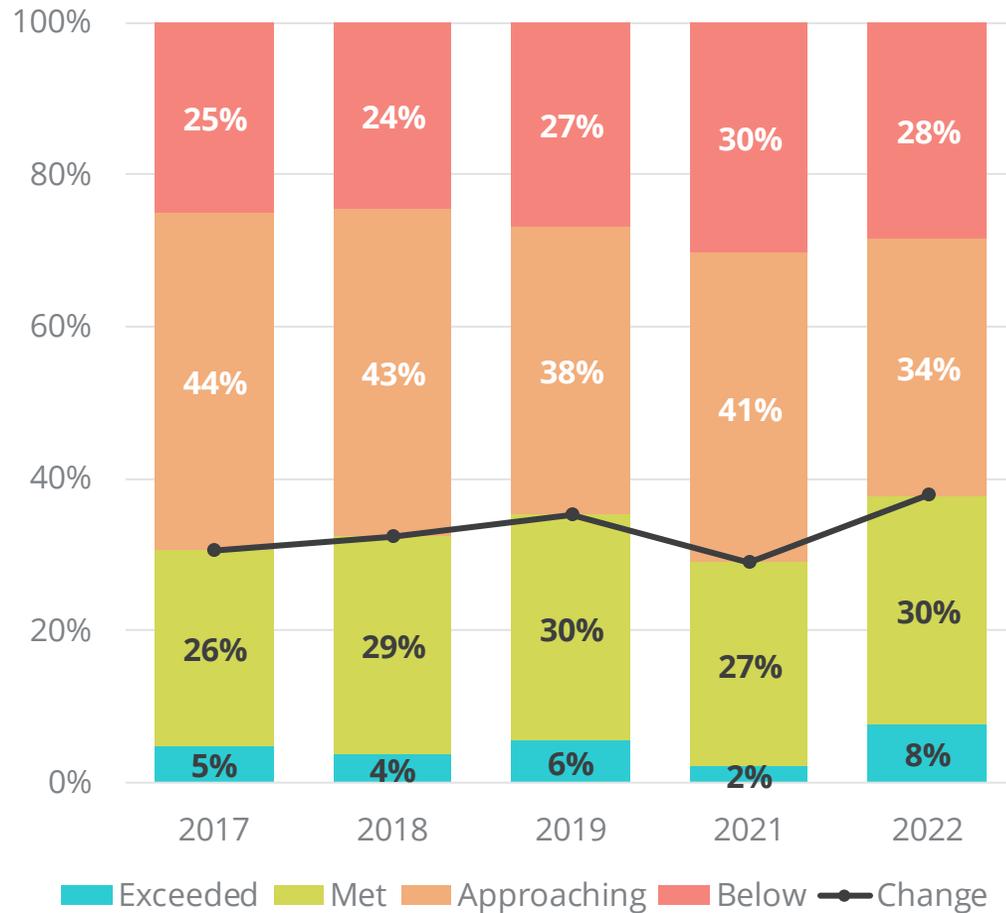


KEY TAKE-AWAYS

- Proficiency rates in 4th grade ELA increased from 33.3% in 2021 to 39.3% in 2022, out-performing pre-pandemic performance
- There is a large increase in students scoring **Exceeded**

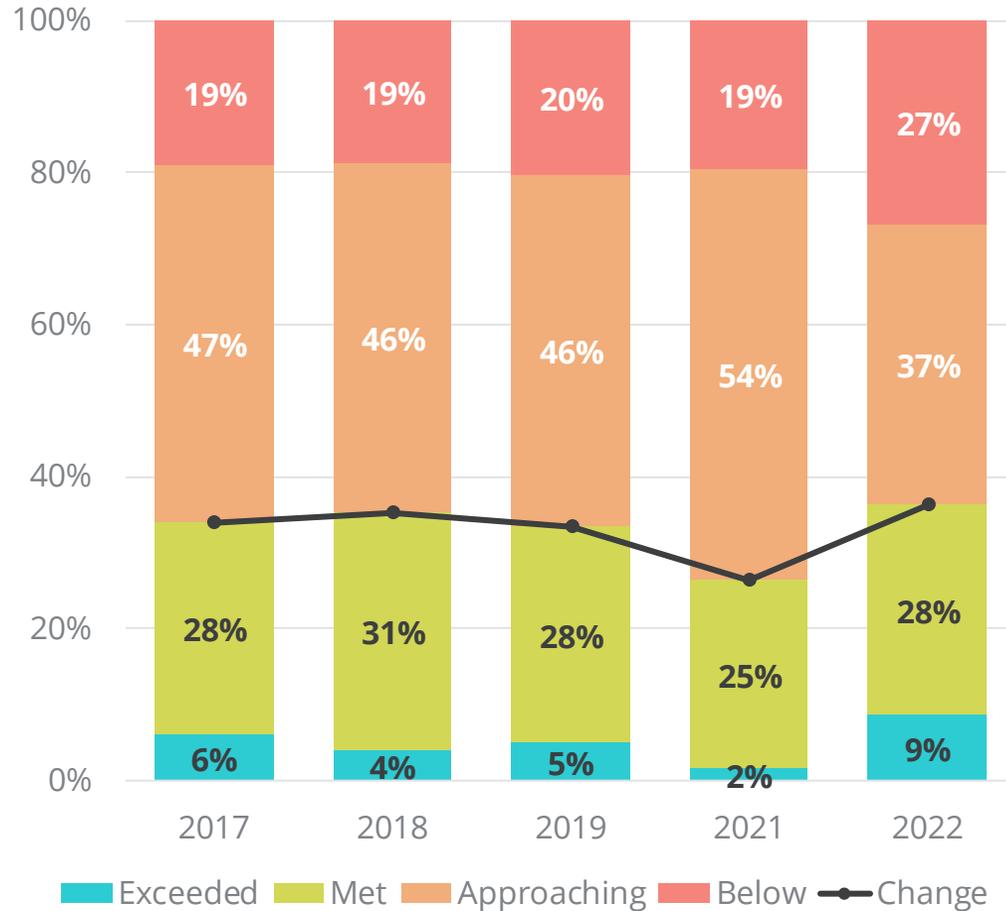
ELEMENTARY SCHOOL

GRADE 5

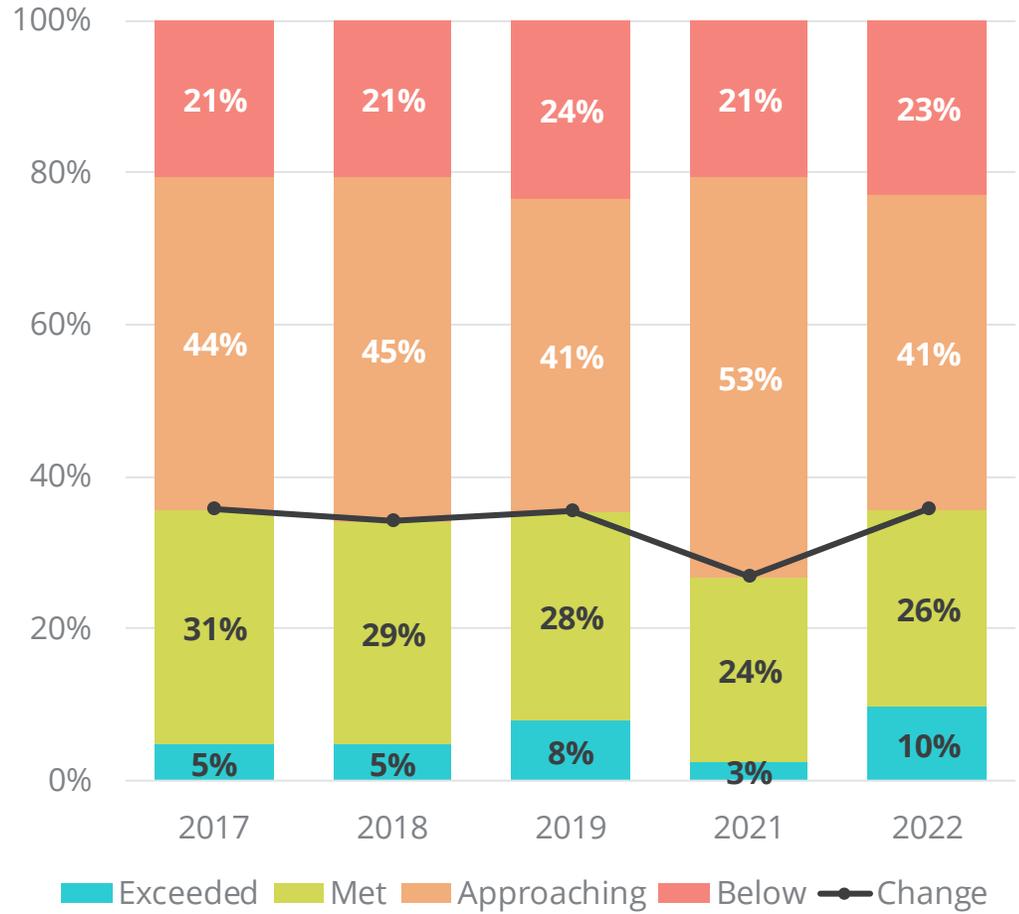


KEY TAKE-AWAYS

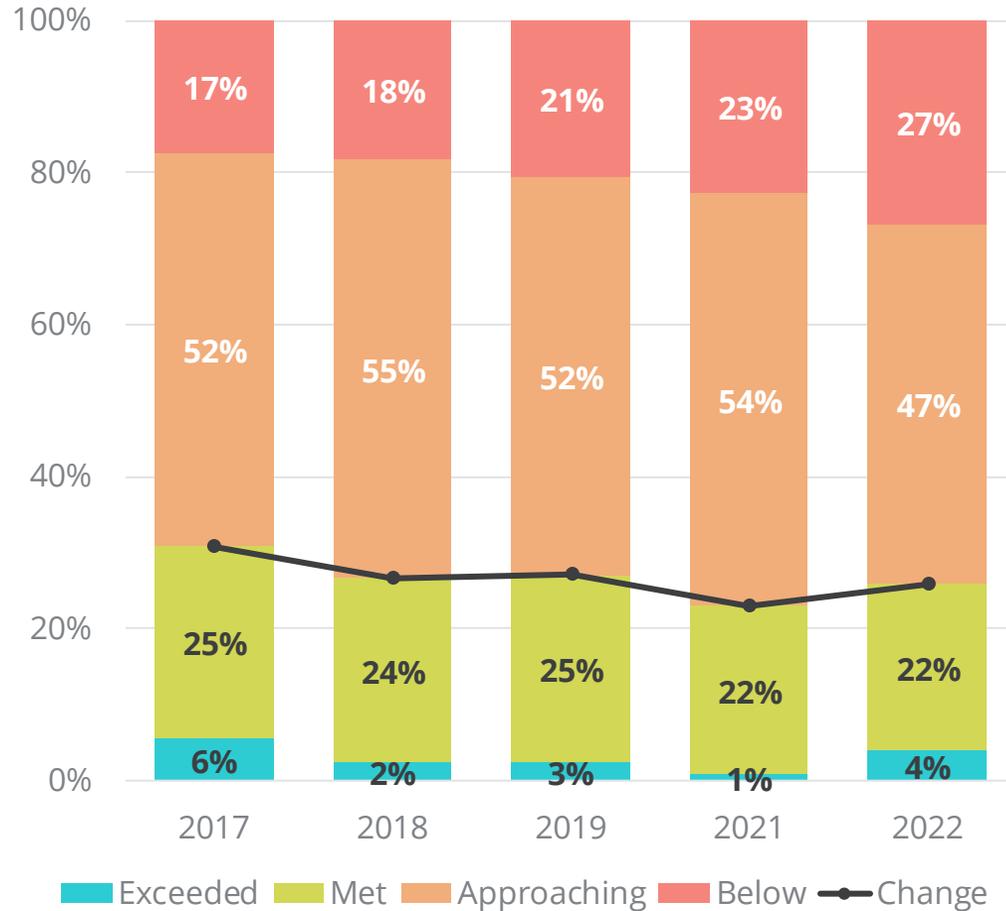
- Proficiency rates in 5th grade ELA increased from 29% in 2021 to 37.7% in 2022, a return to pre-pandemic performance
- Increases in both students scoring **Exceeded** and **Met Expectations**

MIDDLE SCHOOL
GRADE
6

KEY TAKE-AWAYS

- Proficiency rates in 6th grade ELA significantly increased 10 points from 2021 to 2022 – out-performing pre-pandemic levels and reaching our highest performance levels in 5 years.
- The largest percentage of students scored **Exceeded Expectations** seen in the past five years
- Unlike other grades, there were declines observed in students scoring **Approaching** and an increase in students scoring **Below**

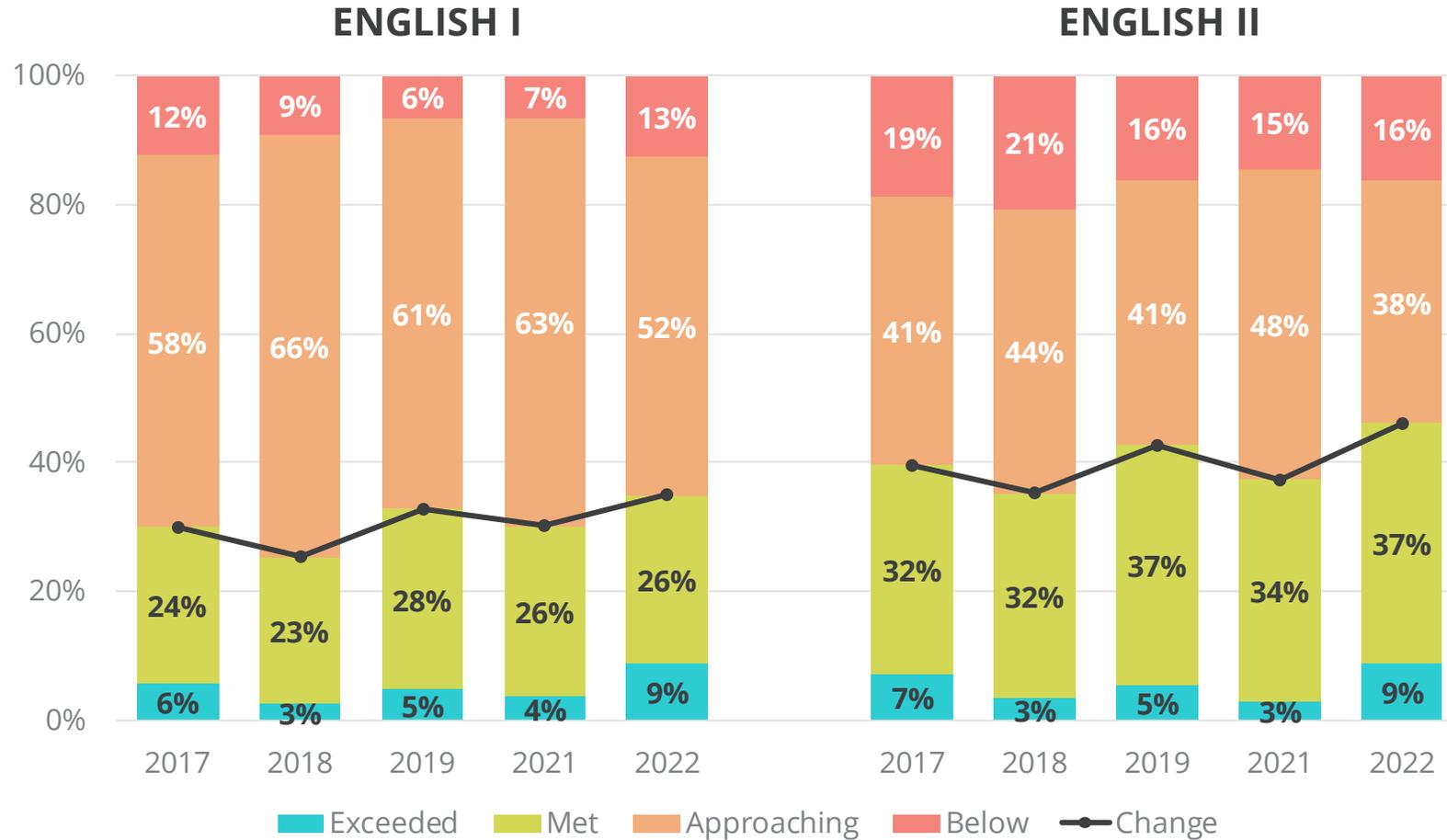
MIDDLE SCHOOL
GRADE
7

KEY TAKE-AWAYS

- Proficiency rates in 7th grade ELA significantly increased from 26.8% in 2021 to 35.8% in 2022.
- Notably, 10% of students scored at **Exceeded**
- Similar to other grades, declines observed in students scoring **Approaching**, and percent of students scoring **Below** relatively unchanged

MIDDLE SCHOOL
GRADE
8

KEY TAKE-AWAYS

- Proficiency rates in 8th grade ELA increased from 23% in 2021 to 25.9% in 2022, although they have not yet reached pre-pandemic performance
- Increases were observed in students scoring both **Exceeded** and **Below**
- Similar to 6th grade, there were declines observed in students scoring **Approaching** and an increase in students scoring **Below**

HIGH SCHOOL END OF COURSE



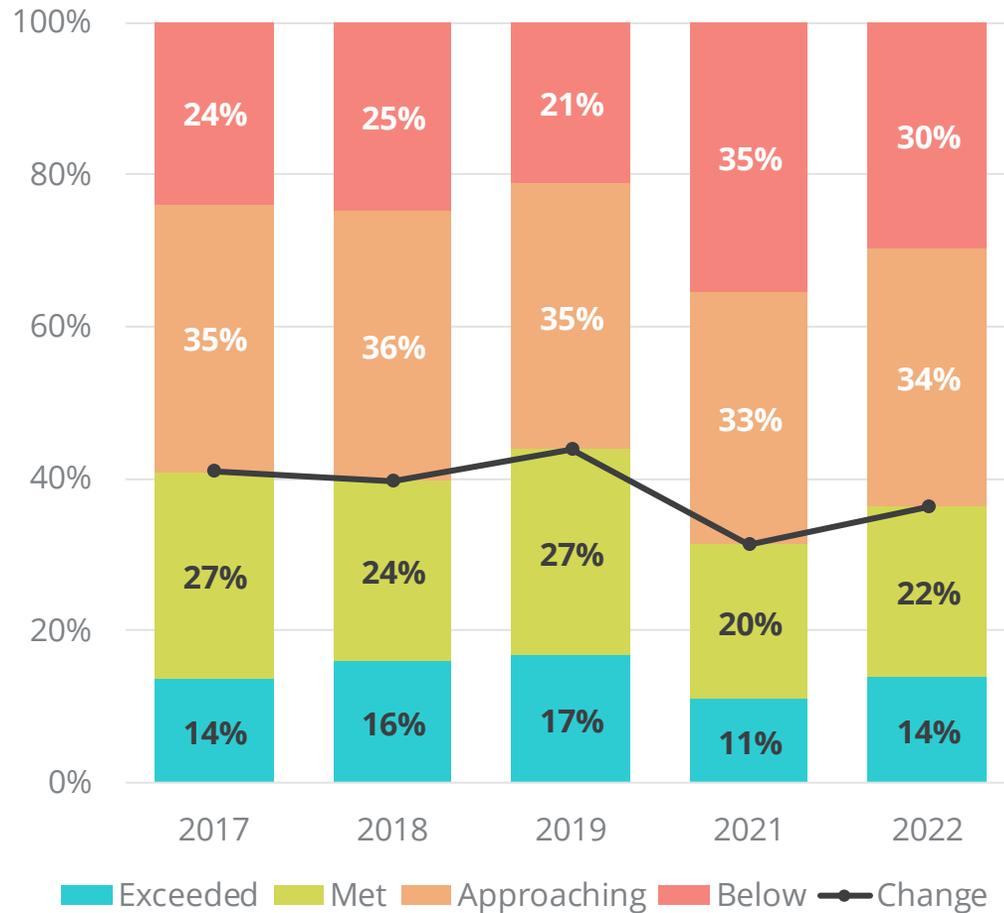
KEY TAKE-AWAYS

- English I and English II saw solid growth – with students showing the **largest rates of proficiency of the past five years**
- The 5-year trend in high school ELA demonstrates an overall positive trajectory, even with the challenges of the pandemic



ELEMENTARY SCHOOL

GRADE 3



KEY TAKE-AWAYS

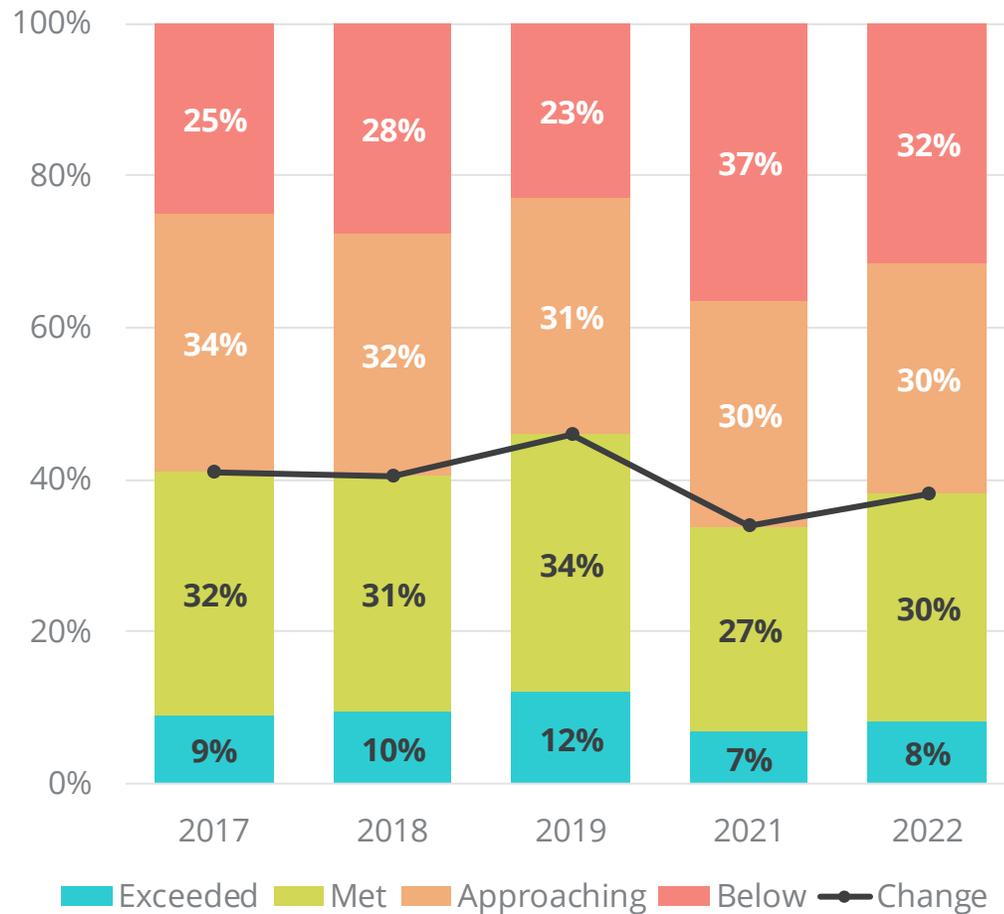
- Proficiency rates in 3rd grade math increased from 31.3% in 2021 to 36.4% in 2022
- Increases were observed in students scoring **Exceeded**, **Met**, and **Approaching**
- There was also a notable **decrease** in students scoring **Below**



ELEMENTARY SCHOOL

GRADE

4



KEY TAKE-AWAYS

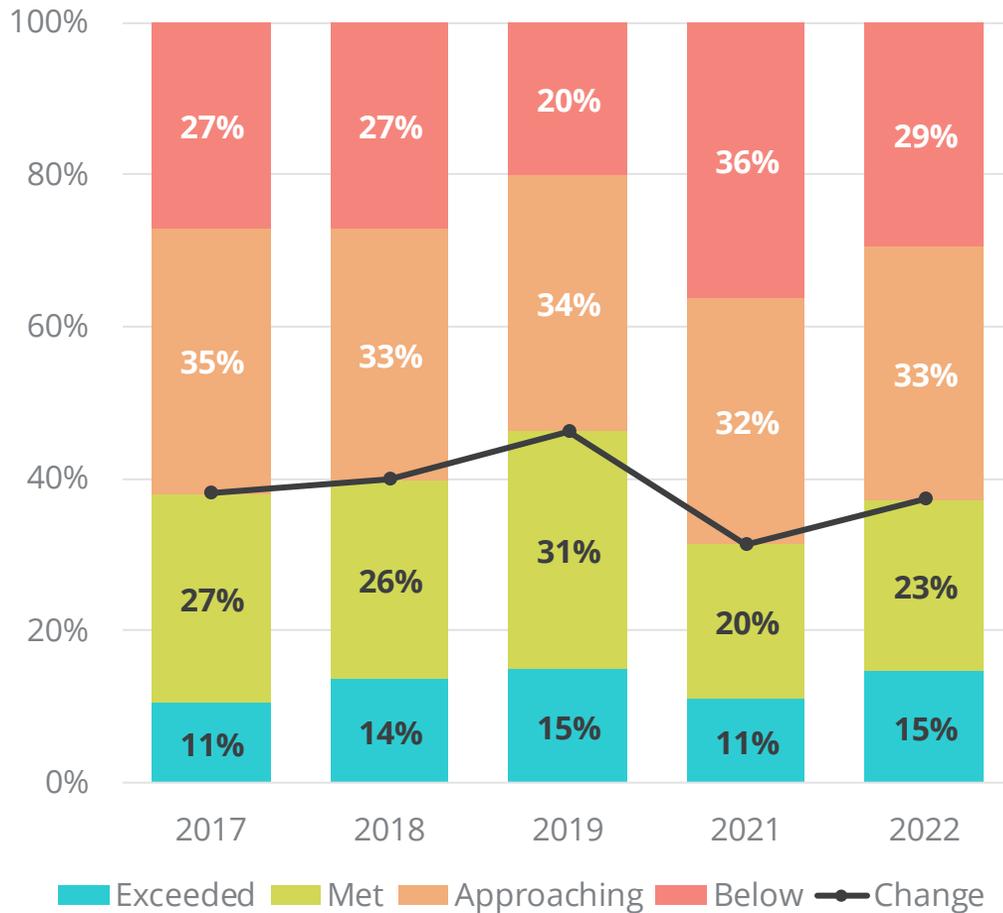
- Proficiency rates in 4th grade math increased from 33.9% in 2021 to 38.1% in 2022
- There were increases in students scoring **Exceeded** and **Met Expectations**
- There was general stability in **Approaching**, but notable decreases in the percent of students scoring **Below**



ELEMENTARY SCHOOL

GRADE

5



KEY TAKE-AWAYS

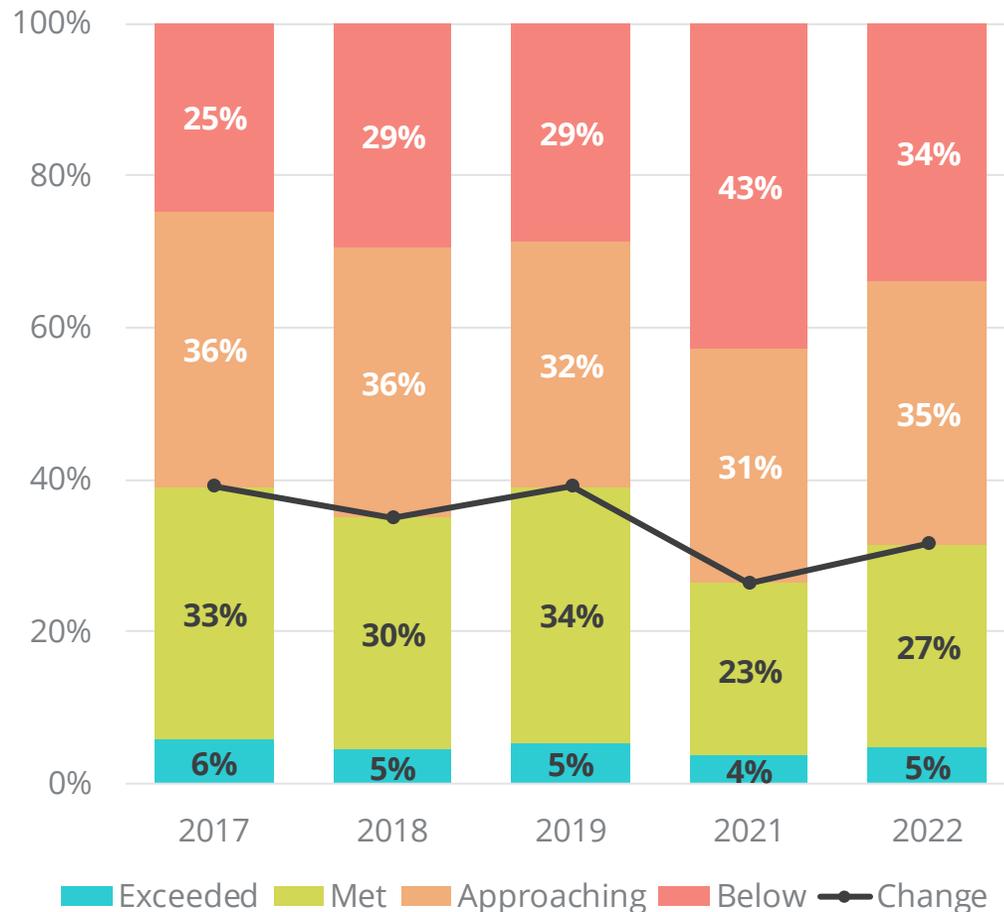
- Proficiency rates in 5th grade math increased nearly 6 points from 2021 to 2022
- There were increases in students scoring **Exceeded** and **Met Expectations**
- There was general stability in **Approaching**, but significant decreases in the percent of students scoring **Below**



MIDDLE SCHOOL

GRADE

6



KEY TAKE-AWAYS

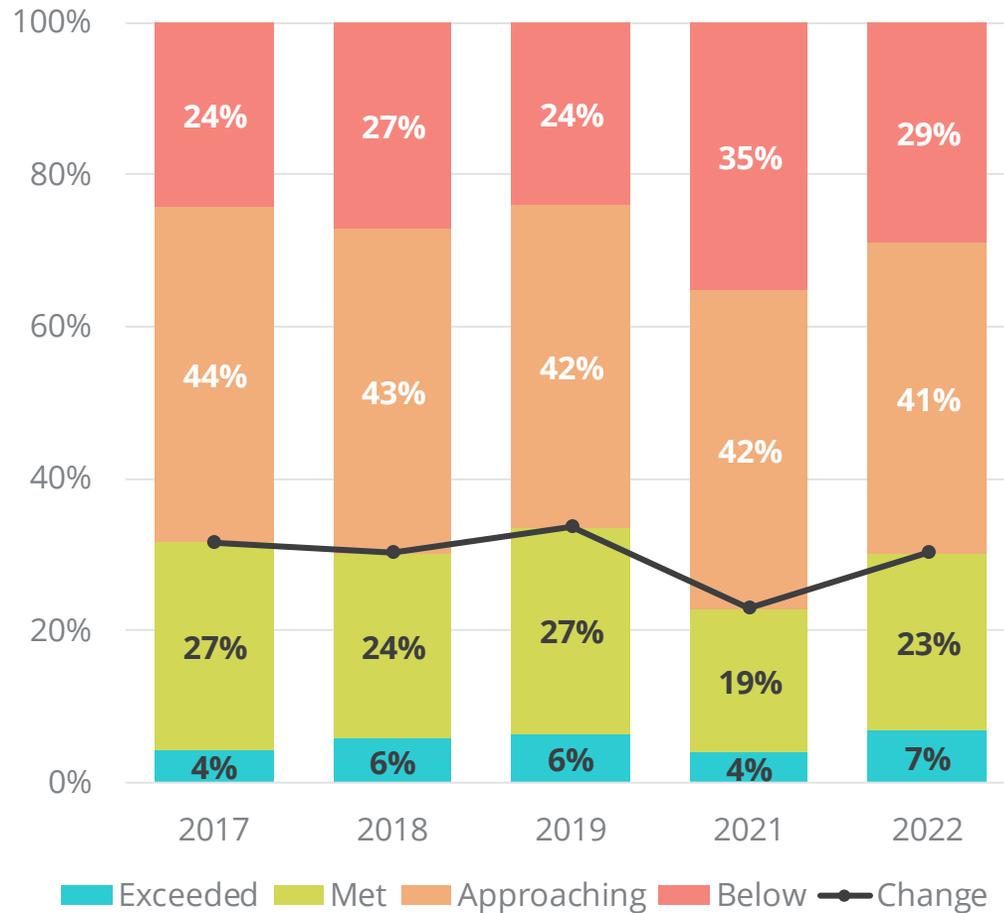
- Proficiency rates in 6th grade math increased from 26.4% in 2021 to 31.5% in 2022
- There were slight increases in students scoring **Exceeded** and notable increases for students scoring **Met Expectations**
- There was an increase in students scoring **Approaching**, resulting from a greater number of students moving from **Below** to higher performance levels



MIDDLE SCHOOL

GRADE

7



KEY TAKE-AWAYS

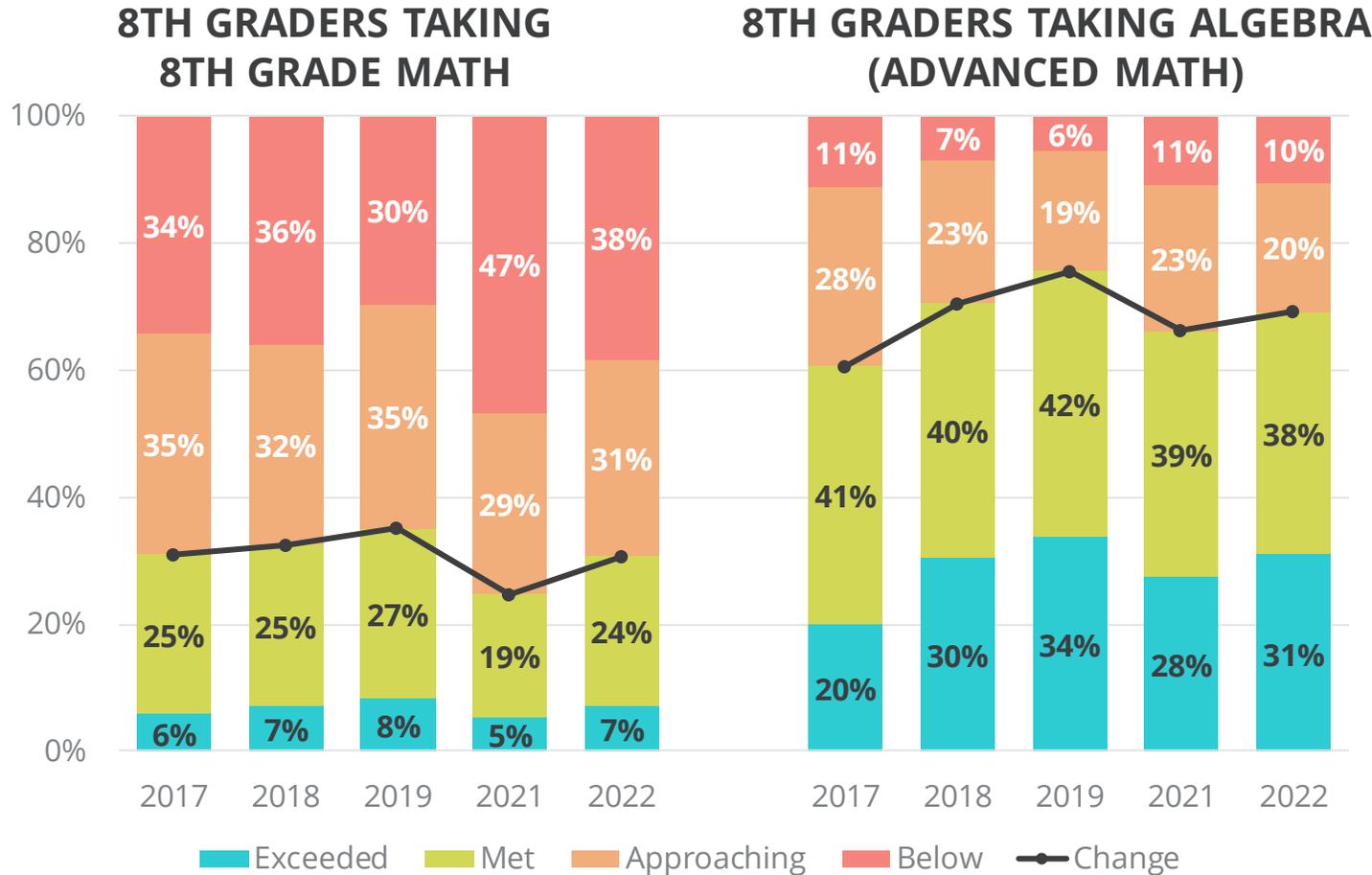
- Proficiency rates in 7th grade math increased from 22.9% in 2021 to 30.2% in 2022
- There were increases in students scoring **Exceeded** and **Met Expectations**
- There was a slight decrease in **Approaching** and significant decrease in students scoring **Below**



MIDDLE SCHOOL

GRADE

8



KEY TAKE-AWAYS

- For 8th graders, Algebra I performance saw an increase, while 8th grade mathematics proficiency increased 6 percentage points



MATH

FOCUS

HIGH SCHOOL END OF COURSE

1st HS MATH COURSE

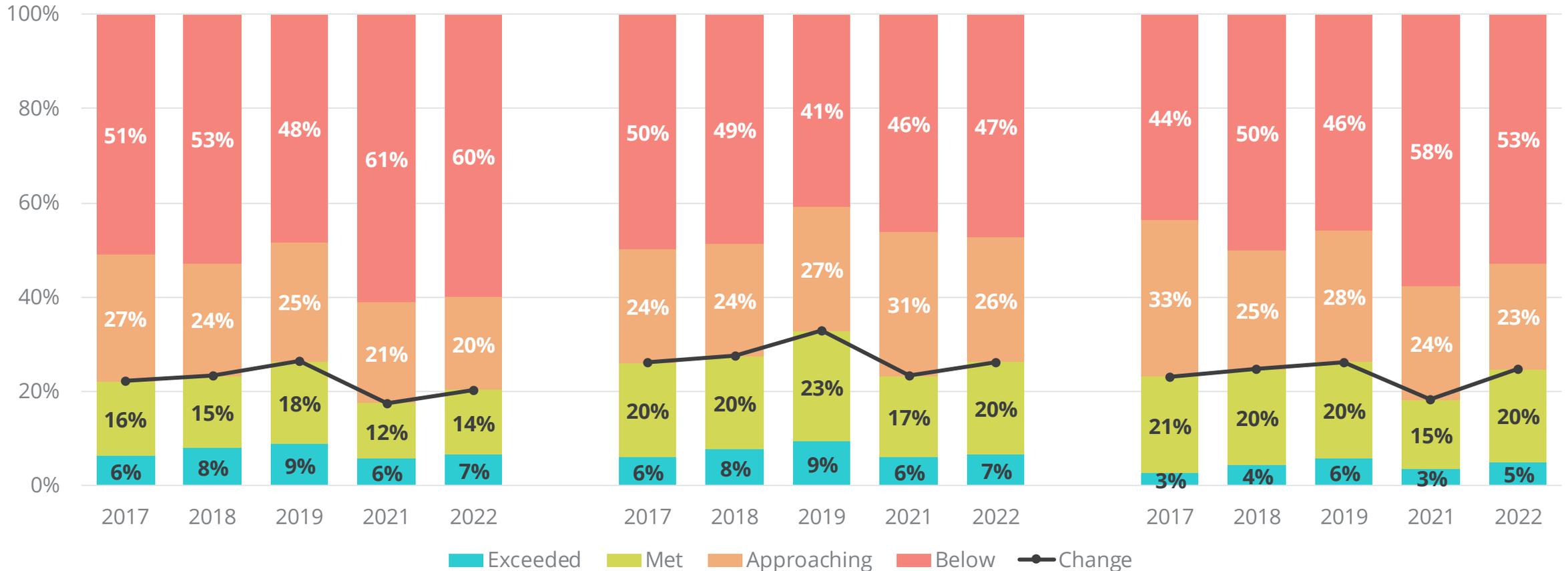
(Algebra 1/Integrated Math 1)

2nd HS MATH COURSE

(Geometry/Integrated Math 2)

3rd HS MATH COURSE

(Algebra 2/Integrated Math 3)

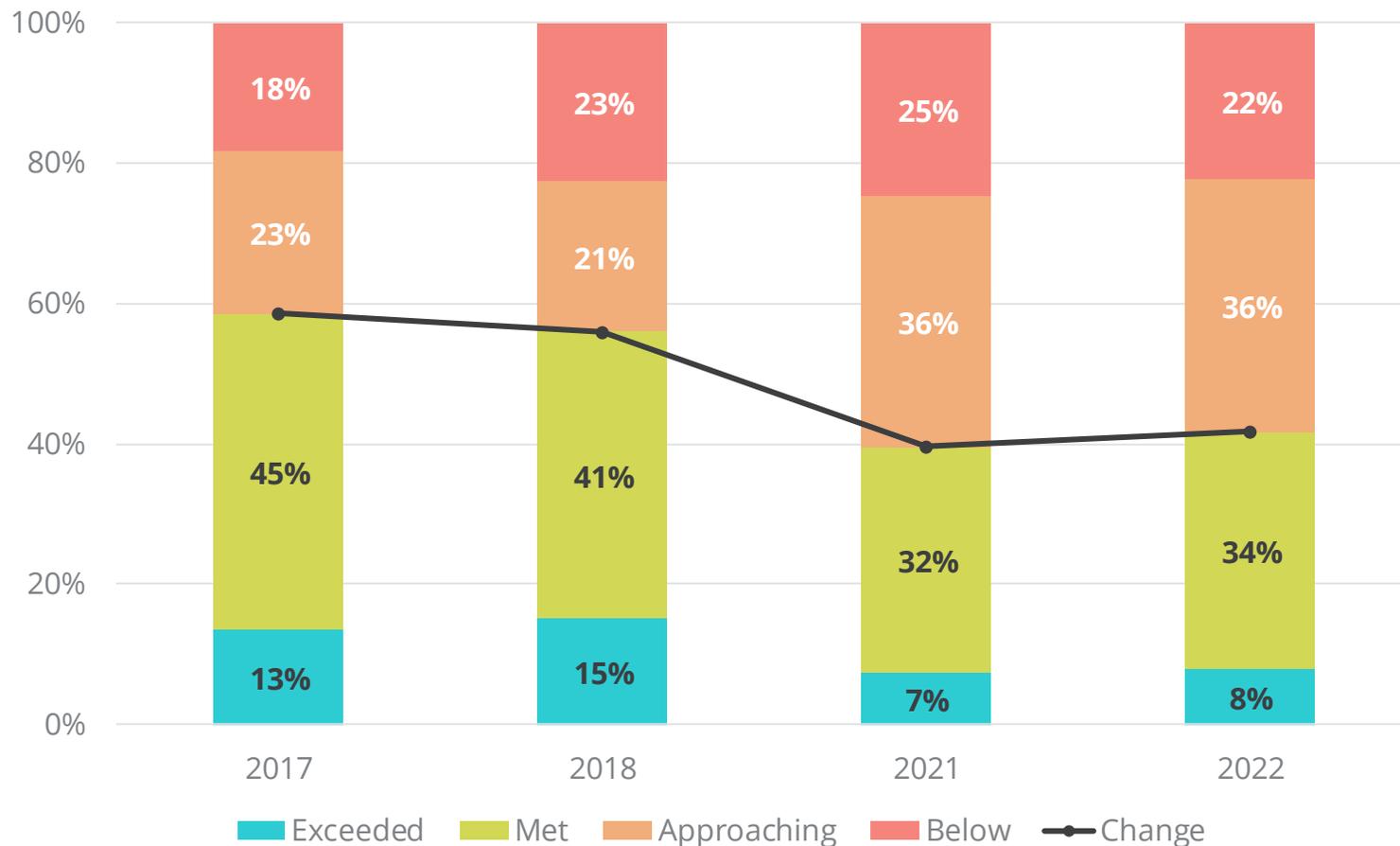


SOURCE: Tennessee Department of Education, 2022

ELEMENTARY SCHOOL

KEY TAKE-AWAYS

- In elementary science, proficiency rates increased slightly from 39.6% in 2021 to 41.7% in 2022
- There were increases in both students scoring **Exceeded** and **Met Expectations**
- There were more students who moved from **Below** to higher proficiency levels

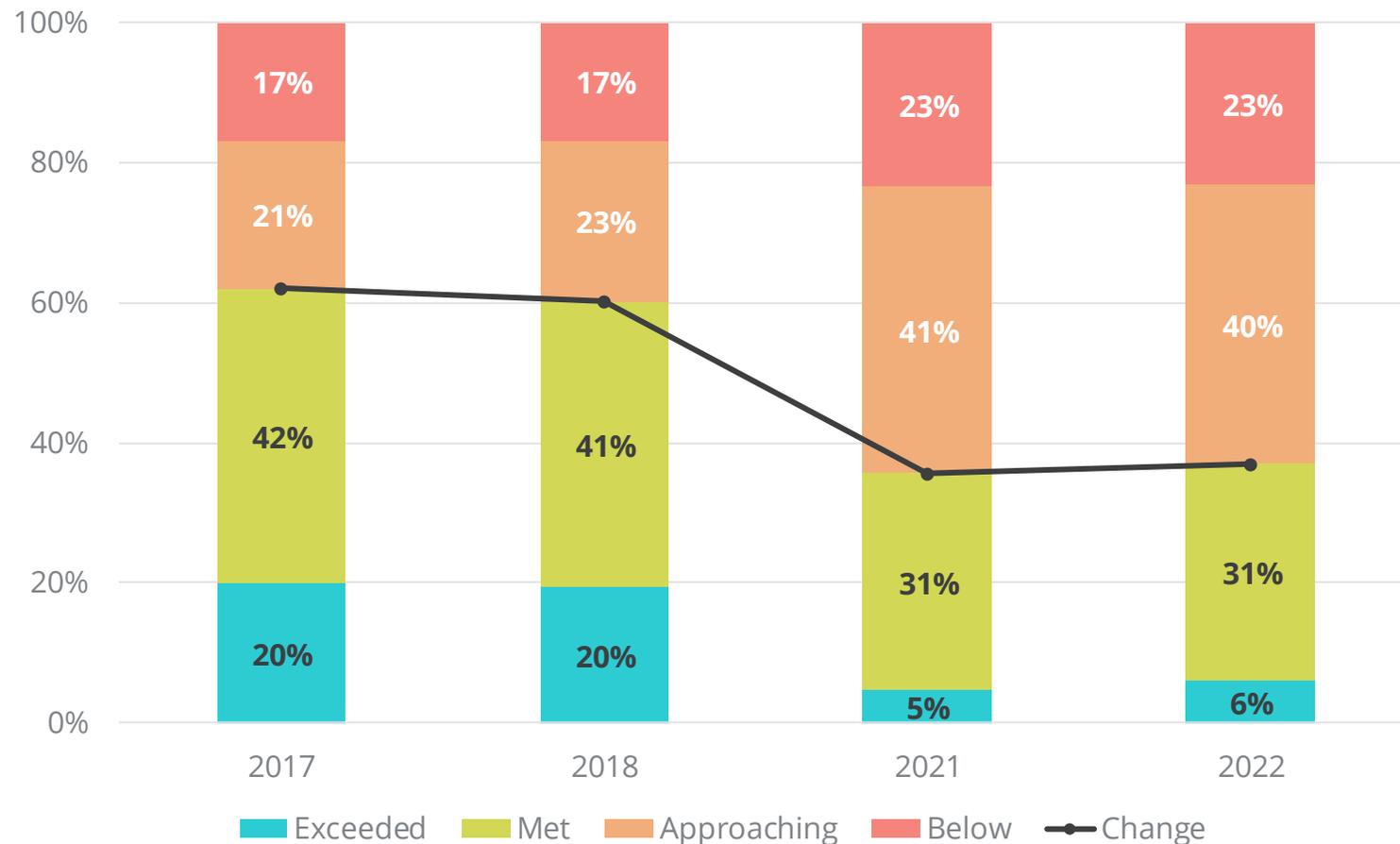


*There were no operational science tests administered in 2019 & assessment standards were re-set in 2021. SOURCE: Tennessee Department of Education, 2022

MIDDLE SCHOOL

KEY TAKE-AWAYS

- In science, middle school performance improved slightly between 2021 and 2022.
- There were slight increases in students scoring **Exceeded Expectations**.

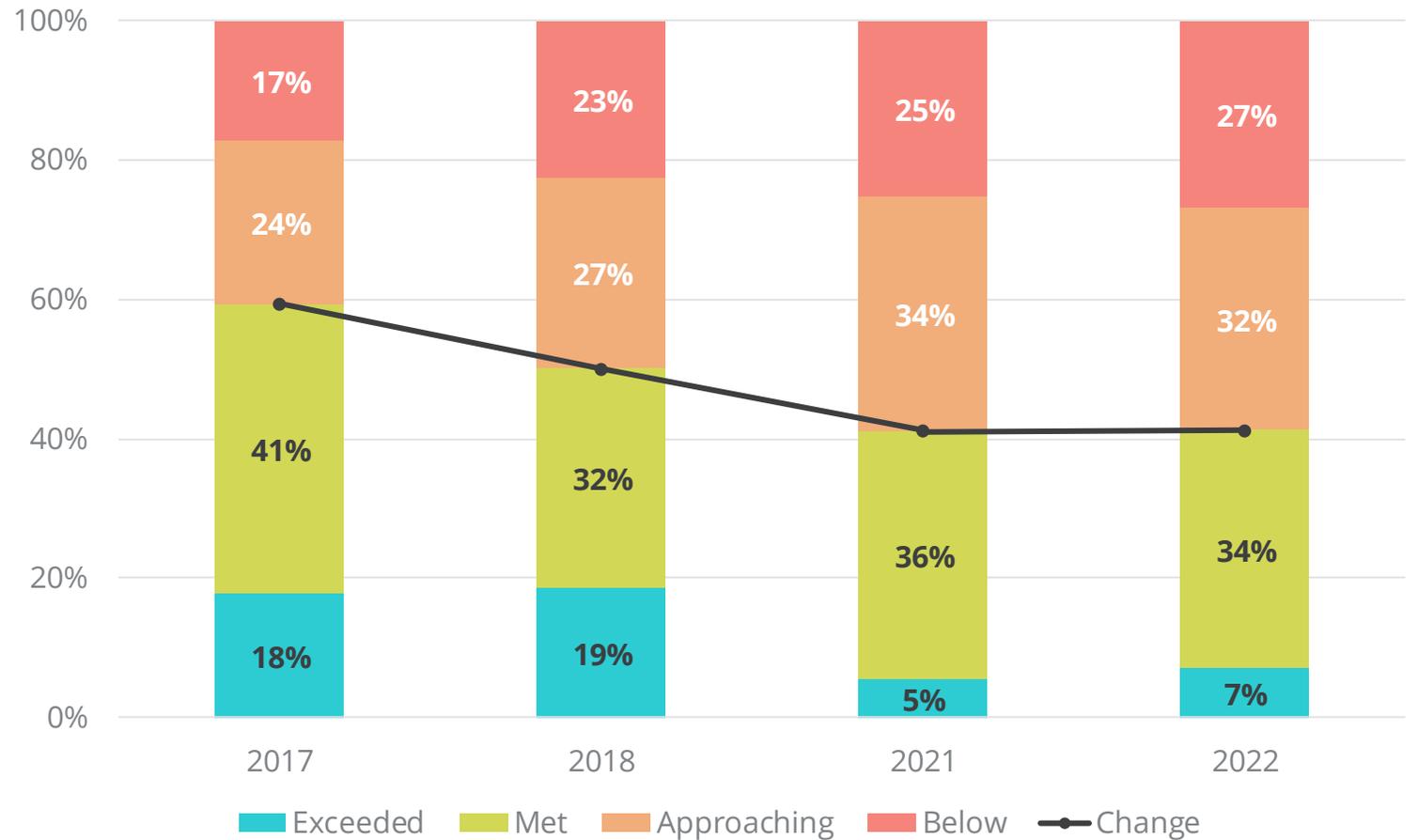


*There were no operational science tests administered in 2019 & assessment standards were re-set in 2021. SOURCE: Tennessee Department of Education, 2022

HIGH SCHOOL

KEY TAKE-AWAYS

- In high school, proficiency rates in science were stable between 2021 and 2022
- There were slight increases in students scoring **Exceeded**.



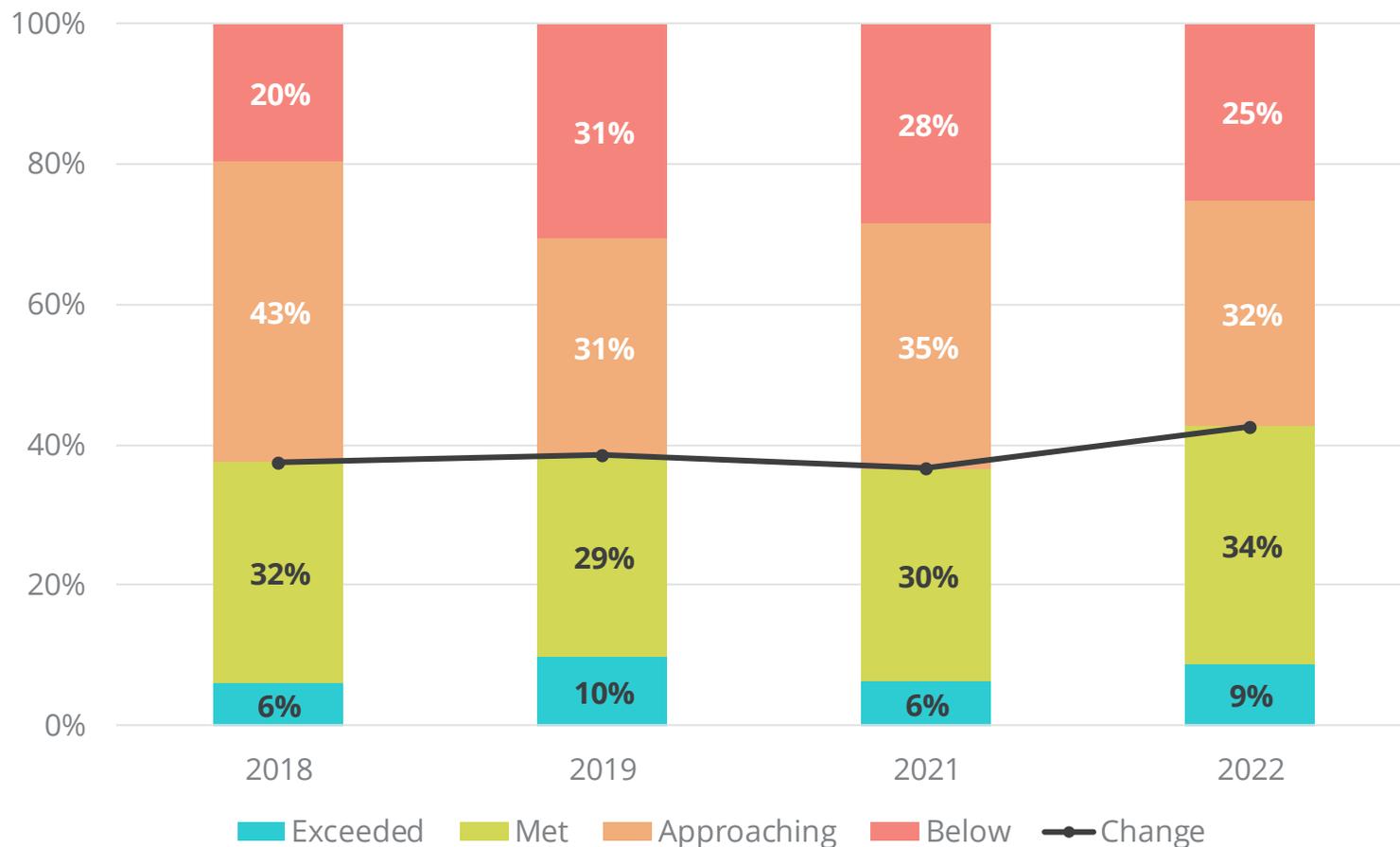
*There were no operational science tests administered in 2019 & assessment standards were re-set in 2021. SOURCE: Tennessee Department of Education, 2022



MIDDLE SCHOOL

KEY TAKE-AWAYS

- Overall proficiency increased in middle schoolers from 36.7% in 2021 to 42.7% in 2022.
- There were slight increases in students scoring **Exceeded** and **Met Expectations**.
- There were more students who moved from **Approaching** and **Below** to higher proficiency levels



*Social Studies standards were updated in 2018 and assessment standards were re-set in 2021.

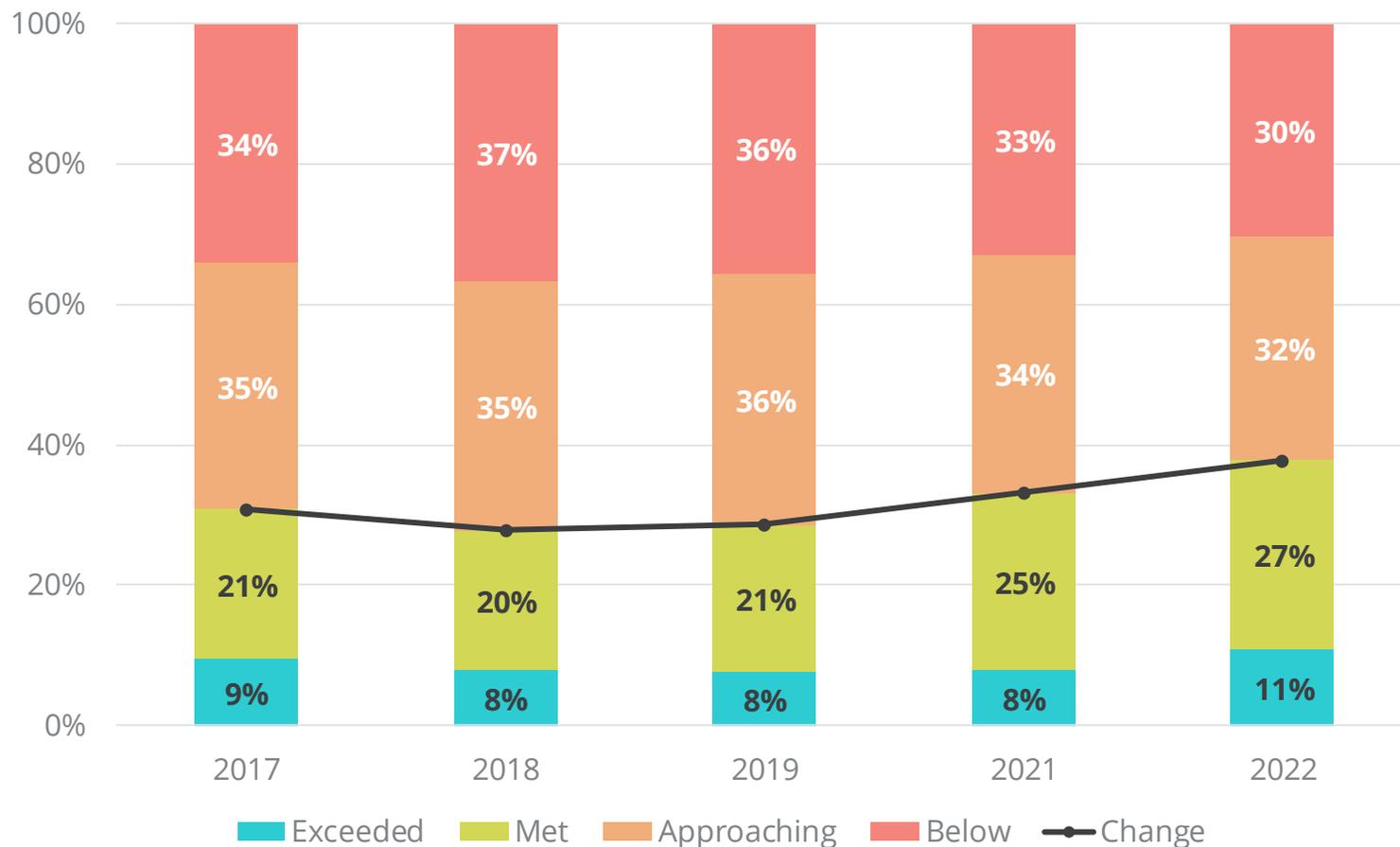
SOURCE: Tennessee Department of Education, 2022



HIGH SCHOOL

KEY TAKE-AWAYS

- Overall proficiency continued to increase for high schoolers from 33.2% in 2021 to 37.8% in 2022 – the highest performance seen since standards have been updated
- There were more students who moved from **Approaching** and **Below** to higher proficiency levels



**Social Studies standards were updated in 2018 and assessment standards were re-set in 2021.*

SOURCE: Tennessee Department of Education, 2022